EXHIBIT 1

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6744497

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
TERRIER SSC, LLC	05/28/2021

RECEIVING PARTY DATA

Name:	WSOU INVESTMENTS, LLC
Street Address:	11150 SANTA MONICA BLVD., SUITE 1400
City:	LOS ANGELES
State/Country:	CALIFORNIA
Postal Code:	90025

PROPERTY NUMBERS Total: 2282

Property Type	Number
Patent Number:	6481005
Patent Number:	6421538
Patent Number:	6704761
Patent Number:	6109972
Patent Number:	7072831
Patent Number:	6704316
Patent Number:	6918035
Patent Number:	7113028
Patent Number:	7765179
Patent Number:	7120431
Patent Number:	7436851
Patent Number:	6754189
Patent Number:	6385668
Patent Number:	6320265
Patent Number:	6594685
Patent Number:	6425032
Patent Number:	6327571
Patent Number:	6560242
Patent Number:	6370219
Patent Number:	6515978

Property Type	Number
Patent Number:	6341328
Patent Number:	6383938
Patent Number:	6218990
Patent Number:	6760320
Patent Number:	6556578
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Patent Number:	6614857
Patent Number:	6342148
Patent Number:	6498798
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Patent Number:	6385609
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Patent Number:	6349208
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Patent Number:	6510158
Patent Number:	6421722
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Patent Number:	6516301
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Patent Number:	6151210
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Patent Number:	6487254
Patent Number:	6377645
Patent Number:	6456710
Patent Number:	6421401
Patent Number:	6657993
Patent Number:	6239359
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Patent Number:	6604123
Patent Number:	6546415
Patent Number:	6563879
Patent Number:	6493323
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Patent Number:	6542461
Patent Number:	6191670

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Patent Number:	6250578
Patent Number:	6978372
Patent Number:	6253444
Patent Number:	6397636
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Patent Number:	6438366
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Patent Number:	6591090
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Patent Number:	6229714
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Patent Number:	6563883
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Patent Number:	6236286
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Patent Number:	6157308
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Patent Number:	6343372
Patent Number:	7088921

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Patent Number:	6542635

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Patent Number:	6430152
Patent Number:	6977924
Patent Number:	6621830
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Patent Number:	6526137
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Patent Number:	6335703
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Patent Number:	6591108
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Patent Number:	6731615
Patent Number:	6510265
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Patent Number:	6760699
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Patent Number:	6615201
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Patent Number:	6539209
Patent Number:	6810211
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Patent Number:	6370129

Property Type	Number
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Patent Number:	7342873
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Patent Number:	6624039
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Property Type	Number
Patent Number:	6566269
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Patent Number:	7054658
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Patent Number:	6701153
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Patent Number:	7197040
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Patent Number:	7158753
Patent Number:	7733880

Property Type	Number
Patent Number:	7733896
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Property Type	Number
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Patent Number:	7443879
Patent Number:	7257180
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Patent Number:	7742459

Property Type	Number
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Patent Number:	8005980
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Patent Number:	7123835
Patent Number:	7292534
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Patent Number:	6859306
Patent Number:	7324532
Patent Number:	8090869
Patent Number:	7299188
Patent Number:	7961608
Patent Number:	7930423
Patent Number:	7039433
Patent Number:	7733909
Patent Number:	7734761
Patent Number:	7228076
Patent Number:	8036687
Patent Number:	7168266
Patent Number:	6911645
Patent Number:	7636307
Patent Number:	7420983
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Patent Number:	6795617
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Patent Number:	7506370
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Patent Number:	7480278
Patent Number:	7228147
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Patent Number:	7493291
Patent Number:	7003055
Patent Number:	7423962
Patent Number:	7085447
Patent Number:	7269166
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Patent Number:	7091772
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Patent Number:	7448080
Patent Number:	8000695
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Patent Number:	7706519
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Patent Number:	7289516
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Patent Number:	7176894
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Patent Number:	7864690

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Patent Number:	7596381
Patent Number:	7564867
Patent Number:	7299047
Patent Number:	7331008
Patent Number:	7340250
Patent Number:	7562345
Patent Number:	7643438
Patent Number:	6912131
Patent Number:	7606140
Patent Number:	7321645
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Patent Number:	7630347
Patent Number:	7460658
Patent Number:	8392755
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Patent Number:	7409459
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Patent Number:	7324451
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Patent Number:	7433707
Patent Number:	6953889
Patent Number:	7047018
Patent Number:	7609622
Patent Number:	7404101
Patent Number:	7215852
Patent Number:	7471627
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Patent Number:	7356749
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Patent Number:	7725600
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Patent Number:	7206584
Patent Number:	7477610
Patent Number:	7519049
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Patent Number:	7720029
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Patent Number:	7630297
Patent Number:	7301938
Patent Number:	7366514

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Patent Number:	7042916
Patent Number:	6985654
Patent Number:	7095713
Patent Number:	7417620
Patent Number:	8098649
Patent Number:	7716366
Patent Number:	7508774
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Patent Number:	9094144
Patent Number:	7620004
Patent Number:	8010119
Patent Number:	7792134
Patent Number:	7526270
Patent Number:	7423974
Patent Number:	7609624
Patent Number:	8213421
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Patent Number:	7894823
Patent Number:	7551630
Patent Number:	7653068

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Patent Number:	8379825
Patent Number:	7555743
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Patent Number:	7409163
Patent Number:	8065408
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Patent Number:	7756960
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Patent Number:	7395492
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Patent Number:	7030825
Patent Number:	6987843
Patent Number:	8131653
Patent Number:	9084199
Patent Number:	7536290
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Patent Number:	7254399
Patent Number:	7921193
Patent Number:	7359361
Patent Number:	7406260
Patent Number:	7457268
Patent Number:	7539164
Patent Number:	7613395
Patent Number:	7398114
Patent Number:	7489736
Patent Number:	8149783
Patent Number:	7991176
Patent Number:	7492725
Patent Number:	7386738
Patent Number:	7254034
Patent Number:	7653046
Patent Number:	7440394
Patent Number:	8036361
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Patent Number:	7130176
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Patent Number:	7418636
Patent Number:	8270301
Patent Number:	7620616

Property Type	Number
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Patent Number:	8023456
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Patent Number:	7570649
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Patent Number:	7639988
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Patent Number:	7903688
Patent Number:	7821997
Patent Number:	7525971
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Patent Number:	8331357
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Patent Number:	7668914
Patent Number:	7706413
Patent Number:	7616898
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Patent Number:	7508577
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Patent Number:	7106923
Patent Number:	7483386
Patent Number:	7536104
Patent Number:	7965830
Patent Number:	8144599

Property Type	Number
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Patent Number:	7221931
Patent Number:	7711007
Patent Number:	8379509
Patent Number:	7680495
Patent Number:	8953499
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Patent Number:	7272174
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Patent Number:	8045453
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Patent Number:	8032133
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Patent Number:	7660315
Patent Number:	7764743

Property Type	Number
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Patent Number:	7613920
Patent Number:	7558229
Patent Number:	7719957
Patent Number:	7043123
Patent Number:	7609981
Patent Number:	7751423
Patent Number:	7619992
Patent Number:	7366178
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Patent Number:	7677817
Patent Number:	7280057
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Patent Number:	7835513
Patent Number:	8731914
Patent Number:	8285785
Patent Number:	9264455

Property Type	Number
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Patent Number:	7639689
Patent Number:	8079017
Patent Number:	8477760
Patent Number:	7633947
Patent Number:	8135836
Patent Number:	7675899
Patent Number:	9002342
Patent Number:	8214640
Patent Number:	7515102
Patent Number:	7733923
Patent Number:	7471116
Patent Number:	7599628
Patent Number:	7486895
Patent Number:	7724660
Patent Number:	7295774
Patent Number:	7613125
Patent Number:	8412249
Patent Number:	7312993
Patent Number:	8565095
Patent Number:	8228956
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Patent Number:	7541953
Patent Number:	7938907
Patent Number:	7489734
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Patent Number:	7756101
Patent Number:	9172629
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Patent Number:	7123402
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Patent Number:	7549078
Patent Number:	7653857

Property Type	Number
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Property Type	Number
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Patent Number:	7706696
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Patent Number:	7567604

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Patent Number:	8027304
Patent Number:	7742534
Patent Number:	7630700
Patent Number:	9438436
Patent Number:	7667905
Patent Number:	8098643
Patent Number:	7455021
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Patent Number:	7639679
Patent Number:	7485870
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Patent Number:	7996222
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Patent Number:	7889266

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Patent Number:	8166156
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Patent Number:	8375109
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Patent Number:	7668527

Property Type	Number
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Patent Number:	7974531
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Property Type	Number
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Patent Number:	8042017
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Patent Number:	8191106
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Patent Number:	8873947
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Patent Number:	8213792
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Patent Number:	7778218
Patent Number:	8005654

Property Type	Number
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Patent Number:	7797823
Patent Number:	7920523
Patent Number:	8751683
Patent Number:	8023271
Patent Number:	8054802
Patent Number:	8095134
Patent Number:	8315951
Patent Number:	8145233
Patent Number:	8023438
Patent Number:	7860512
Patent Number:	8060125
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Patent Number:	8230293
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Patent Number:	8195832
Patent Number:	8005472
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Patent Number:	7620275
Patent Number:	8109321

Property Type	Number
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Patent Number:	7554046
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Patent Number:	9847942
Patent Number:	9927676
Patent Number:	10178679

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ATTORNEY DOCKET NUMBER:	160812.00006
NAME OF SUBMITTER:	SUSAN C. DINICOLA
SIGNATURE:	/Susan C. DiNicola/
DATE SIGNED:	06/03/2021

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RELEASE OF SECURITY INTEREST IN PATENTS

This RELEASE OF SECURITY INTEREST IN PATENTS (this "Release"), dated as of May 28, 2021 (the "Effective Date"), is made by TERRIER SSC, LLC a Delaware limited liability company (the "Lender"), as assignee of BP Funding Trust, Series SPL-VI, in favor of WSOU INVESTMENTS, LLC, a Delaware limited liability company (the "Grantor").

WHEREAS, pursuant to that certain Security Agreement, dated as of May 16, 2019 (as amended, restated, supplemented, modified or otherwise changed from time to time, the "Security Agreement"), made by the Grantor in favor of the Lender, the Grantor granted to the Lender a security interest in and to certain collateral;

WHEREAS, pursuant to the Security Agreement, the Grantor executed and delivered a Patent Security Agreement, dated as of May 16, 2019 (the "Patent Security Agreement"), for recordal with the United States Patent and Trademark Office;

WHEREAS, the Patent Security Agreement was recorded with the United States Patent and Trademark Office on May 20, 2019 at Reel 049235, Frames 0068-0185;

WHEREAS, Lender wishes to provide a document suitable for recording in the United States Patent and Trademark Office for purposes of recording the release, relinquishment and discharge of its security interest in the Patents;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Lender hereby agrees as follows:

1.   Defined Terms. All capitalized terms used, but not otherwise defined herein, shall have the respective meanings ascribed in or otherwise referenced in the Security Agreement or the Patent Security Agreement, as applicable.

2.   Release of Security Interest. Lender hereby releases, relinquishes, terminates, cancels and discharges all of its security interest in and to the Patent Collateral, including but not limited to the Patents set forth in **Schedule A** attached hereto, arising under the Security Agreement and the Patent Security Agreement. To the extent Lender is deemed to have acquired any right, title or interest in and to the Patent Collateral, the Lender hereby re-transfers, re-conveys, and re-assigns, without representation or warranty of any kind, such right, title or interest to the Grantor. The Lender authorizes and requests that this Release be recorded at the United States Patent and Trademark Office.

3.   Termination. The Lender, without representation or warranty of any kind, terminates and cancels the Patent Security Agreement.

4.   Counterparts. This Release may be executed in any number of counterparts, all of which taken together shall constitute one agreement, and any of the parties hereto may execute this Release by signing any such counterpart. The Grantor acknowledges that delivery of an executed counterpart of a signature page of this Release by fax or electronic mail transmission shall be effective as delivery of a manually executed counterpart of this Release.

**PATENT
REEL: 056526 FRAME: 0157**

5.   <u>Severability</u>. Any provision in this Release that is held to be inoperative, unenforceable or invalid in any jurisdiction shall, as to that jurisdiction, be inoperative, unenforceable or invalid without affecting the remaining provisions in that jurisdiction or the operation, enforceability or validity of that provision in any other jurisdiction, and to this end the provisions of this Release are declared to be severable.

6.   <u>Governing Law</u>. This Release shall be governed by, and construed in accordance with, the laws of the State of New York.

IN WITNESS WHEREOF, the parties have caused this Release of Security Interest in Patents to be duly executed as the date hereof.

TERRIER SSC, LLC, as Lender

By: _____
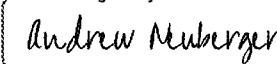
Name: Andrew Neuberger

Title: Manager

[Signature Page to Release of Security Interest]

SCHEDULE A

[See attached]

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

EPAS ID: PAT5531779

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
WSOU INVESTMENTS, LLC	05/16/2019

RECEIVING PARTY DATA

Name:	BP FUNDING TRUST, SERIES SPL-VI
Street Address:	44 SOUTH BROADWAY, 11TH FLOOR
Internal Address:	C/O BASEPOINT ADMINISTRATIVE, LLC
City:	WHITE PLAINS
State/Country:	NEW YORK
Postal Code:	10601

PROPERTY NUMBERS Total: 2320

Property Type	Number
Patent Number:	6481005
Patent Number:	6421538
Patent Number:	6704761
Patent Number:	6109972
Patent Number:	7072831
Patent Number:	6704316
Patent Number:	6918035
Patent Number:	7113028
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Patent Number:	6563879
Patent Number:	6493323
Patent Number:	6839334
Patent Number:	6542461

Property Type	Number
Patent Number:	6191670
Patent Number:	6711163
Patent Number:	6725455
Patent Number:	6721309
Patent Number:	6250578
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Property Type	Number
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Patent Number:	6189848

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Patent Number:	6415384
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Patent Number:	6434631
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Patent Number:	6570849
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Patent Number:	6697490
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Patent Number:	6407704
Patent Number:	6268408
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Patent Number:	6374094
Patent Number:	6316996
Patent Number:	6160645
Patent Number:	6577420
Patent Number:	6445847
Patent Number:	6549673
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Patent Number:	6266248
Patent Number:	6389123
Patent Number:	6438655
Patent Number:	6499136
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Patent Number:	6597666
Patent Number:	6597681
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Patent Number:	6219645
Patent Number:	6631170
Patent Number:	6788678
Patent Number:	6522732
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Patent Number:	6711153
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Patent Number:	6430152
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Patent Number:	6621830
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Patent Number:	6487332
Patent Number:	6370035
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Patent Number:	6771824

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Patent Number:	6334529
Patent Number:	6898281
Patent Number:	6317098
Patent Number:	6467980
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Patent Number:	6397081
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Patent Number:	6317325
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Patent Number:	6882641
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Patent Number:	7116679

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Patent Number:	6346913
Patent Number:	6356386
Patent Number:	6335703
Patent Number:	6402393
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Patent Number:	6658047
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Patent Number:	6718377
Patent Number:	6731634
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Patent Number:	6393039
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Patent Number:	6762997
Patent Number:	6721896
Patent Number:	6826260
Patent Number:	6366730
Patent Number:	6520348
Patent Number:	7257526

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Patent Number:	6834054
Patent Number:	6519324
Patent Number:	6895004
Patent Number:	6624833
Patent Number:	6731615
Patent Number:	6510265
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Patent Number:	6667714
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Patent Number:	6741585
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Patent Number:	6810211
Patent Number:	6396575
Patent Number:	6865236

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Patent Number:	6862455
Patent Number:	6694100
Patent Number:	7342873
Patent Number:	6358785
Patent Number:	6704304
Patent Number:	6614566
Patent Number:	6778496
Patent Number:	6493442
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Patent Number:	6876738
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Patent Number:	6402590
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Patent Number:	7080314
Patent Number:	6623185
Patent Number:	6532330
Patent Number:	6708040
Patent Number:	7535887
Patent Number:	6980740
Patent Number:	7072456
Patent Number:	6975594
Patent Number:	6628266
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Patent Number:	6587987
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Patent Number:	6728214
Patent Number:	6850704
Patent Number:	6624039
Patent Number:	7487083

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Patent Number:	6566269
Patent Number:	6839321
Patent Number:	6788783
Patent Number:	7274747
Patent Number:	7054658
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Patent Number:	6970511
Patent Number:	6359980
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Patent Number:	6512865
Patent Number:	8041782
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Patent Number:	6798748
Patent Number:	6807152
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Patent Number:	6792005
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Patent Number:	7330460
Patent Number:	8149684
Patent Number:	6597069
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Patent Number:	7554967

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Patent Number:	7006506
Patent Number:	6577445
Patent Number:	6771688
Patent Number:	7035784
Patent Number:	7031257
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Patent Number:	6882624
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Patent Number:	6813368
Patent Number:	6847826
Patent Number:	6728338
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Patent Number:	7213068
Patent Number:	6813604

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Patent Number:	7889874
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Patent Number:	6999920
Patent Number:	7065655
Patent Number:	7343586
Patent Number:	6690889
Patent Number:	6283766
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Patent Number:	6954487
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Patent Number:	6701156
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Patent Number:	6591024
Patent Number:	6975620
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Patent Number:	7065159
Patent Number:	7035391
Patent Number:	6708127
Patent Number:	6847655
Patent Number:	6970839

Property Type	Number
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Patent Number:	6801791
Patent Number:	6471413
Patent Number:	8402129
Patent Number:	6442260
Patent Number:	6954439
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Patent Number:	6839555
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Patent Number:	6920149
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Patent Number:	6442032
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Patent Number:	6970480
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Property Type	Number
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Property Type	Number
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Patent Number:	6839569
Patent Number:	7260162
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Patent Number:	7733896
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Patent Number:	7453888
Patent Number:	7515539
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Property Type	Number
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Patent Number:	6990329
Patent Number:	7274927
Patent Number:	6833947

Property Type	Number
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Patent Number:	7292534
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Patent Number:	7493291
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Patent Number:	7423962
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Patent Number:	7299047
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Patent Number:	7606140
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Patent Number:	7630347
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Patent Number:	6953889
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Patent Number:	6814607
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Patent Number:	7630297
Patent Number:	7301938

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Patent Number:	6985654
Patent Number:	7095713
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Patent Number:	8098649
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Patent Number:	7620004
Patent Number:	8010119
Patent Number:	7792134
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Patent Number:	7346132
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Patent Number:	7551630

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Patent Number:	7760637
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Patent Number:	8379825
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Patent Number:	8060094
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Patent Number:	7395492

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Patent Number:	7030825
Patent Number:	6987843
Patent Number:	8131653
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Patent Number:	7453876
Patent Number:	7231535
Patent Number:	7254399
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Patent Number:	7406260
Patent Number:	7457268
Patent Number:	7539164
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Patent Number:	7418636
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Patent Number:	7668914
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Patent Number:	7483386
Patent Number:	7536104
Patent Number:	7965830

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Patent Number:	7711007
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Patent Number:	7167518
Patent Number:	7272174
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Patent Number:	7707474
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Patent Number:	7412158
Patent Number:	7613920
Patent Number:	7558229
Patent Number:	7719957
Patent Number:	7043123
Patent Number:	7609981
Patent Number:	7751423
Patent Number:	7619992
Patent Number:	7366178
Patent Number:	7403322
Patent Number:	7677817
Patent Number:	7280057
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Patent Number:	7835513
Patent Number:	8731914
Patent Number:	8285785

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Patent Number:	9467530
Patent Number:	7639689
Patent Number:	8079017
Patent Number:	8477760
Patent Number:	7633947
Patent Number:	8135836
Patent Number:	7675899
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Patent Number:	8412249
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Patent Number:	8565095
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Patent Number:	7541953
Patent Number:	7938907
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Patent Number:	7782862
Patent Number:	7123402
Patent Number:	7689222
Patent Number:	7650053
Patent Number:	8284759
Patent Number:	7549078

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Patent Number:	7608827
Patent Number:	7337537
Patent Number:	7631077
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Patent Number:	7613938
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Patent Number:	7680075
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Patent Number:	7679924
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Patent Number:	7720140
Patent Number:	7468973

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Patent Number:	7375879
Patent Number:	8027304
Patent Number:	7742534
Patent Number:	7630700
Patent Number:	9438436
Patent Number:	7667905
Patent Number:	8098643
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Patent Number:	8295186
Patent Number:	7996222
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Patent Number:	8375109
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Property Type	Number
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Patent Number:	7764938
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Property Type	Number
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Patent Number:	8345804
Patent Number:	7778218

Property Type	Number
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Patent Number:	8255908
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Patent Number:	7920523
Patent Number:	8751683
Patent Number:	8023271
Patent Number:	8054802
Patent Number:	8095134
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Patent Number:	7724756
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Patent Number:	8005472
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Patent Number:	7620275

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Patent Number:	7609934
Patent Number:	7932727
Patent Number:	7720976
Patent Number:	7765353
Patent Number:	8799239
Patent Number:	8243591
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Patent Number:	9847942
Application Number:	14942520
Patent Number:	9927676
Patent Number:	10178679
Application Number:	15255481

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Fax Number: (617)856-8201

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: BROWN RUDNICK LLP
Address Line 1: ONE FINANCIAL CENTER
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ATTORNEY DOCKET NUMBER:	034392.0005
NAME OF SUBMITTER:	MARK S. LEONARDO
SIGNATURE:	/MARK S. LEONARDO/
DATE SIGNED:	05/20/2019

Total Attachments: 54
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PATENT SECURITY AGREEMENT

This PATENT SECURITY AGREEMENT dated as of May 16, 2019 (as amended, restated, supplemented, amended and restated or otherwise modified from time to time, this "*Agreement*"), is made by WSOU INVESTMENTS, LLC, a Delaware limited liability company (the "*Grantor*"), in favor of BP FUNDING TRUST, SERIES SPL-VI, a statutory series of BP FUNDING TRUST, a Delaware statutory trust, for itself and for no other series of BP FUNDING TRUST (the "*Lender*").

W I T N E S S E T H:

WHEREAS, pursuant to that certain Loan Agreement dated as of the date hereof (as amended, restated, supplemented, amended and restated or otherwise modified from time to time, the "*Loan Agreement*"), between WSOU Holdings, LLC, as borrower (the "*Borrower*"), and the Lender, the Lender has made Advances and extended certain other financial accommodations to the Borrower;

WHEREAS, in connection with the Loan Agreement, the Grantor has executed and delivered a Security Agreement dated as of the date hereof (as amended, restated, supplemented, amended and restated or otherwise modified from time to time, the "*Security Agreement*") pursuant to which the Grantor granted to the Lender, a continuing security interest in the Collateral, including without limitation the Patent Collateral (as defined below) to secure all Obligations;

WHEREAS, the execution and delivery by Grantor of this Agreement is a condition precedent to the effectiveness of the Loan Agreement; and

WHEREAS, the Grantor has duly authorized the execution, delivery and performance of this Agreement.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantor agrees, as follows:

SECTION 1.   Definitions. Unless otherwise defined herein or the context otherwise requires, capitalized terms used in this Agreement, including its preamble and recitals, have the meanings provided in the Security Agreement.

SECTION 2.   Grant of Security Interest in Patents. As security for the prompt and complete payment and performance in full when due of all Obligations, the Grantor, until such time as Grantor becomes an Unrestricted Subsidiary, hereby assigns, pledges, hypothecates, charges, mortgages, delivers, and transfers to the Lender, and hereby grants to the Lender, a continuing security interest in and lien on all of Grantors right, title and interest in, to and under the Patents listed on Schedule I hereto, including without limitation (i) all letters patent of the United States of America or any other country, all registrations and recordings thereof and all applications for letters patent of the United States of America or any other country, including registrations, recordings and pending applications in the United States Patent and Trademark Office or any similar offices in the United States of America or any other country, (ii) all reissues, continuations, divisions, continuations in part, renewals or extensions thereof, and the inventions disclosed or claimed therein, including the right to make, use and/or sell the inventions disclosed or claimed therein, (iii) all patent licenses, and similar agreements, and (iv) all Proceeds of, and rights associated with, the foregoing (including licenses, royalties income, payments, claims, damages and Proceeds of infringement suits), the right to sue third parties for past, present or future infringements of any patent or patent application, and for breach or enforcement of any patent license, in each case, whether now or hereafter owned or existing or acquired or arising and wherever located (collectively, the "*Patent Collateral*").

SECTION 3.   Security Agreement. This Agreement has been executed and delivered by the Grantor for the purpose of registering the security interest of the Lender in the Patent Collateral with the United States Patent and Trademark Office. The Grantor does hereby further acknowledge and affirm that the rights and remedies of the Lender with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Security Agreement, the terms and provisions of which (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein. In the event of any irreconcilable conflict between the terms of this Agreement and the terms of the Security Agreement, the terms of the Security Agreement shall control.

SECTION 4.   Loan Document. This Agreement is a Loan Document executed pursuant to the Loan Agreement and shall (unless otherwise expressly indicated herein) be construed, administered and applied in accordance with the terms and provisions thereof.

SECTION 5.   Recordation. The Grantor hereby authorizes and requests that the Register of Patents and any other applicable government officer record this Agreement.

SECTION 6.   Governing Law: Jurisdiction: Consent to Service of Process.

(a)   This Agreement shall be governed by, and construed in accordance with, the laws of the State of New York, without regard to principles of conflicts of law. The Grantor irrevocably and unconditionally submits, for itself and its property, to the nonexclusive jurisdiction of the courts of any United States federal court sitting in or with direct or indirect jurisdiction over the Southern District of New York or any New York state or superior court sitting in New York, New York, in any action or proceeding arising out of or relating to this Agreement or any other Loan Document to which Grantor is a party, or for recognition or enforcement of any judgment, and the Grantor irrevocably and unconditionally agrees that all claims in respect of any such action or proceeding may be heard and determined in such state courts or, to the fullest extent permitted by applicable Law, in such Federal courts. The Grantor agrees that a final judgment in any such action or proceeding shall be conclusive and may be enforced in other jurisdictions by suit on the judgment or in any other manner provided by Law. Nothing in this Agreement or in any other Loan Document shall affect any right that Lender may otherwise have to bring any action or proceeding relating to this Agreement or any other Loan Document against the Grantor or any of its properties in the courts of any other jurisdiction.

(b)   The Grantor hereby irrevocably and unconditionally waives, to the fullest extent it may legally and effectively do so, any objection that it may now or hereafter have to the laying of venue of any suit, action or proceeding arising out of or relating to this Agreement or the other Loan Documents in any court referred to in paragraph (a) of this Section. The Grantor hereby irrevocably waives, to the fullest extent permitted by applicable law, the defense of an inconvenient forum to the maintenance of such action or proceeding in any such court.

(c)   The Grantor irrevocably consents to service of process in the manner provided for notices in Section 11.1 of the Loan Agreement. Nothing in this Agreement will affect the right of any party hereto to serve process in any other manner permitted by applicable Law.

SECTION 7.   Electronic Signature. Delivery of an executed signature page to this Agreement by facsimile (or other electronic transmission) shall be as effective as delivery of an original executed signature page to this Agreement.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, the Grantor has caused this Agreement to be duly executed and delivered by its Authorized Officer as of the date first above written.

GRANTOR:

WSOU INVESTMENTS, LLC

By: _____
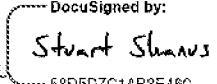
Name: Stuart Shanus

Title: Authorized Signatory

SCHEDULE I

[See Attached]

Schedule of US Patents

Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	08/170,111	6481005	12/20/1993	11/12/2002	Event Correlation Feature For A Telephone Network Operations Support System
Issued	United States	08/359,904	6421538	12/20/1994	7/16/2002	DETECTION OF HIGH USER VELOCITY
Issued	United States	08/906,537	6704761	8/5/1997	3/9/2004	Carry-Save Multiplier/Accumulator System And Method
Issued	United States	09/029,758	6109972	3/2/1998	8/29/2000	PLUG
Issued	United States	09/107,919	7072831	6/30/1998	7/4/2006	ESTIMATING THE NOISE COMPONENTS OF A SIGNAL
Issued	United States	09/124,278	6704316	7/29/1998	3/9/2004	Push Out Technique For Shared Memory Buffer Management In A Network Node
Issued	United States	09/127,767	6918035	7/31/1998	7/12/2005	Method For Two Party Authentication And Key Agreement
Issued	United States	09/172,510	7113028	10/14/1998	9/26/2006	METHOD AND ARRANGEMENT FOR CALIBRATING AN ACTIVE FILTER
Issued	United States	09/201,749	765179	12/1/1998	7/27/2010	METHOD AND APPARATUS FOR RESOLVING DOMAIN NAMES OF PERSISTENT WEB
Issued	United States	09/249,312	7120431	2/12/1999	10/10/2006	SYSTEM AND METHOD FOR ADJUSTING ANTENNA RADIATION IN A WIRELESS NETWORK
Issued	United States	09/280,618	7436851	3/29/1999	10/14/2008	Destination Call Routing Apparatus And Method
Issued	United States	09/288,368	6754189	4/8/1999	6/22/2004	Method Of Queue Length Based Burst Management In Wireless Communication
Issued	United States	09/288,763	6385668	4/8/1999	5/7/2002	Method And Apparatus For Compound Hardware Configuration Control
Issued	United States	09/290,535	6320265	4/12/1999	11/20/2001	Semiconductor Device With High-Temperature Ohmic Contact And Method Of
Issued	United States	09/291,869	6594685	4/14/1999	7/15/2003	A Universal Application Programming Interface Having Generic Message Format
Issued	United States	09/292,397	6425032	4/14/1999	7/23/2002	Bus Controller Handling A Dynamically Changing Mix Of Multiple Nonpre-Emptable
Issued	United States	09/292,424	6327571	4/15/1999	12/4/2001	Method And Apparatus For Hardware Realization Process Assessment
Issued	United States	09/293,296	6560242	4/16/1999	5/6/2003	Method and apparatus for connection formal conversion in a communications
Issued	United States	09/294,485	6370219	4/20/1999	4/9/2002	Self-Modulated, Filament-Based, Solid State Laser
Issued	United States	09/294,661	6515978	4/19/1999	2/4/2003	Methods And Apparatus For Downlink Diversity In CDMA Using Walsh Codes
Issued	United States	09/295,010	6341328	4/20/1999	1/22/2002	Method and Apparatus for Using Multiple, Co-Dependent DMA Controllers
Issued	United States	09/295,100	6383938	4/21/1999	5/7/2002	METHOD OF ANISOTROPIC ETCHING OF SUBSTRATES
Issued	United States	09/295,370	6218990	4/21/1999	4/17/2001	RADIOCOMMUNICATION DEVICE AND A DUAL-FREQUENCY MICROSTRIP ANTENNA
Issued	United States	09/295,392	6760320	4/21/1999	7/6/2004	CHANNEL ADAPTIVE FAST POWER CONTROL IN CDMA
Issued	United States	09/295,458	6556578	4/14/1999	4/29/2003	Early Fair Drop: A New Buffer Management Policy
Issued	United States	09/295,534	6442732	4/21/1999	8/27/2002	Virtual Logic System For Solving Satisfiability Problems Using Reconfigurable Hardware
Issued	United States	09/295,570	6560326	4/21/1999	5/6/2003	Service Brokering System For Intelligent Telecommunications Network
Issued	United States	09/296,409	6614857	4/23/1999	9/2/2003	Iterative Channel Estimation And Compensation Based Thereon
Issued	United States	09/296,574	6342148	4/22/1999	1/29/2002	TIN ELECTROPLATING PROCESS
Issued	United States	09/298,309	6498798	4/23/1999	12/24/2002	Priority-Based Statistical Multiplexer-Hub
Issued	United States	09/298,373	6219248	4/23/1999	4/17/2001	An Interleaved Wavelengths Multi/Demultiplexer With Multiple-Input-Ports And
Issued	United States	09/298,756	6385609	4/23/1999	5/7/2002	Heat Sink Alignment Apparatus And Method
Issued	United States	09/298,788	6519264	4/26/1999	2/11/2003	System And Method For Analyzing And Displaying Switch Output
Issued	United States	09/301,037	6349208	4/28/1999	2/19/2002	Rate monitoring of connections in a communications network using history buffer.
Issued	United States	09/301,147	6192371	4/28/1999	2/20/2001	Apparatus, and associated method, for selectively...
Issued	United States	09/302,360	6126807	4/30/1999	10/3/2000	Object Morphing In An Object Oriented Computing Environment Using Relational
Issued	United States	09/302,373	6181849	4/30/1999	1/30/2001	Process For Making Sodium Gold Sulfite Solution
Issued	United States	09/303,352	6510158	4/30/1999	1/21/2003	Method and apparatus combining a plurality of virtual circuits into a combined virtual
Issued	United States	09/303,372	6421722	4/30/1999	7/16/2002	METHOD AND APPARATUS FOR PROVIDING INTERNETWORKING SERVICE RELIABILITY
Issued	United States	09/304,031	6178019	5/3/1999	1/23/2001	System And Method For Controlling The Selectivity Of A Holographic Memory System
Issued	United States	09/304,294	6516301	5/3/1999	2/4/2003	Order-Based Material Management System
Issued	United States	09/306,033	6241870	5/6/1999	11/21/2000	Rhodium Sulfate Compounds and Rhodium Plating
Issued	United States	09/306,062	6151210	5/6/1999	11/21/2000	Modular Design Of Electronic Equipment Systems
Issued	United States	09/306,751	6647024	5/7/1999	11/11/2003	System And Method For An All Digital Communication System With A Life Line
Issued	United States	09/306,836	6487254	5/7/1999	11/26/2002	Methods And Devices For Estimating QAM Symbol Sequences Over Flat Fading

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Status	Country	Serial No.	Patent No.	Issue Date	Title
Issued	United States	09/307,012	6377645	4/23/2002	Method And Apparatus For Controlling Bit Slippage In High-Speed Communications
Issued	United States	09/307,031	6456710	9/24/2002	METHOD OF ACTIVATING A STATION
Issued	United States	09/307,642	6421401	7/16/2002	OFDM SYMBOL SYNCHRONISATION
Issued	United States	09/309,349	665993	12/2/2003	System And Method For Variable Bandwidth Transmission Facilities Between A Local
Issued	United States	09/309,943	6239359	5/29/2001	Circuit Board RF Shielding
Issued	United States	09/310,079	6353832	3/5/2002	Selectivity Estimation In Spatial Databases
Issued	United States	09/311,229	6604123	8/5/2003	Operating System Transfer Of Control And Parameter Manipulation Using Portals
Issued	United States	09/312,524	6546415	4/8/2003	Network Management System Using A Distributed Namespace
Issued	United States	09/312,711	6563879	5/13/2003	Method And Apparatus For Enabling Transmission Of Variable Length Encoded Data In
Issued	United States	09/312,747	6493323	12/10/2002	Asynchronous Object Oriented Configuration Control System For Highly Reliable
Issued	United States	09/312,793	6839334	1/4/2005	Control Channel For Time Division Multiple Access Systems
Issued	United States	09/313,358	6542461	4/1/2003	METHOD OF PROTECTING ATM CONNECTIONS IN A TELECOMMUNICATIONS
Issued	United States	09/313,589	6191670	2/20/2001	Low-Loss Duplexer Without Setting
Issued	United States	09/313,900	6711163	3/23/2004	Data Communication Switch with Distributed Multicasting
Issued	United States	09/313,981	6725455	4/20/2004	METHOD FOR ASSIGNING TASKS, DATA PROCESSING SYSTEM, CLIENT DATA
Issued	United States	09/315,631	6397636	6/4/2002	Method of applying a precursor to an assembled fiber bundle and fusing the bundle
Issued	United States	09/316,118	6721314	4/13/2004	Method And Apparatus For Applying Once-Only Processing In A Data Network
Issued	United States	09/316,357	6438366	8/20/2002	Method and Apparatus for Maintaining Packet Order Integrity in Parallel Switching
Issued	United States	09/315,484	6250578	6/26/2001	Cable Winding Housing
Issued	United States	09/315,628	6978372	12/20/2005	Verification Of Correct Exponentiation Or Other Operations In Cryptographic
Issued	United States	09/315,630	6253444	7/3/2001	Method For The Manufacture Of Elbows For Microwave Guides And Elbows Obtained
Issued	United States	09/317,118	6513001	1/28/2003	Efficient Electromagnetic Full-Wave Simulation In Layered Semiconductor Media
Issued	United States	09/317,386	6591090	7/8/2003	PREDISTORATION CONTROL FOR POWER REDUCTION
Issued	United States	09/318,140	6393107	5/21/2002	Method And Apparatus For Creating And Sending Structured Voicemail Messages
Issued	United States	09/318,285	6229714	5/8/2001	Apparatus And Method For Electromagnetic Shielding Of Equipment Cabinets
Issued	United States	09/318,385	6807190	10/19/2004	Survivable Distribution Of Broadcast Signals In Loopback Rings
Issued	United States	09/318,908	6351743	2/26/2002	Method And Apparatus For Operating Domain Name Servers
Issued	United States	09/320,628	6636510	10/21/2003	Multicast methodology & apparatus for backpressure-based switching fabric.
Issued	United States	09/320,656	6181275	1/30/2001	POSITIONING BY COMPUTING PSEUDO-SPEEDS IN A SATELLITE NAVIGATION SYSTEM
Issued	United States	09/320,768	6563883	5/13/2003	A TRANSMITTER
Issued	United States	09/321,075	6538600	3/25/2003	Wireless Assisted GPS Using A Reference Location
Issued	United States	09/321,516	6647107	11/11/2003	Multi-User Answering System and Method
Issued	United States	09/322,936	6205790	3/27/2001	Efficient Thermoelectric Controller
Issued	United States	09/322,941	6438379	8/20/2002	Power Control And Cell Site Location Technique For CDMA Systems With Hierarchical
Issued	United States	09/323,135	7639711	12/29/2009	SWITCH PROVIDED WITH A SIGNALING COUPLER, AND A METHOD OF SENDING A
Issued	United States	09/324,207	6415366	7/2/2002	Method and apparatus for load distribution across memory banks with constrained
Issued	United States	09/324,454	6992978	1/31/2006	METHOD AND SYSTEM FOR PATH PROTECTION IN A COMMUNICATIONS NETWORK
Issued	United States	09/327,347	6965943	11/15/2005	End-To-End Internet Control
Issued	United States	09/327,508	6118355	9/12/2000	DUAL BAND COMBINER ARRANGEMENT
Issued	United States	09/327,538	6236286	5/22/2001	Integrated On-Board Automated Alignment For Low Distortion Amplifier
Issued	United States	09/328,035	6185233	2/6/2001	OUTPUT POWER CONTROLLED WAVELENGTH STABILIZING SYSTEM
Issued	United States	09/328,607	7047483	5/16/2006	Computer Implemented Method And Apparatus For Providing A Logical Point Of
Issued	United States	09/328,657	6963914	11/8/2005	METHOD AND APPARATUS FOR RETRIEVING A NETWORK FILE USING A LOGICAL
Issued	United States	09/329,235	6421071	7/16/2002	Synchronous Scrolling Of Time Stamped Log Files
Issued	United States	09/329,324	6430403	8/6/2002	Temperature Compensated, Zero Bias RF Detector Circuit

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Issued	United States	09/329,687	6157308	6/10/1999	12/5/2000	Detecting Hidden Faults In Reliable Power Systems
Issued	United States	09/329,689	6434502	6/10/1999	8/13/2002	Automatic Updating Of Test Management System With Test Results Entered Into An
Issued	United States	09/330,526	6343372	6/11/1999	1/29/2002	Method And Apparatus For Generating A Verified Algorithm For Transforming
Issued	United States	09/332,264	7088921	6/11/1999	8/8/2006	System For Operating An Ethernet Data Network Over A Passive Optical Network
Issued	United States	09/333,407	6577415	6/15/1999	6/10/2003	Optical Add-Drop Module With Low Loss And High Isolation
Issued	United States	09/334,017	6545616	6/15/1999	4/8/2003	Methods And Apparatus For Digital Wireless Test Telephony
Issued	United States	09/335,334	6567195	6/17/1999	5/20/2003	Optical Network Using Remote Optical Powering Of Optoelectronic Switch
Issued	United States	09/335,816	6241778	6/18/1999	6/5/2001	Method And Apparatus For Implementing Run-Length Limited And Maximum
Issued	United States	09/336,076	6438393	6/18/1999	8/20/2002	INTEGRATED MOTION DETECTOR IN A MOBILE COMMUNICATIONS DEVICE
Issued	United States	09/337,229	6374221	6/22/1999	4/16/2002	Automatic Retaining Of Speech Recognizer While Using Reliable Transcripts
Issued	United States	09/337,865	6502062	6/21/1999	12/31/2002	A system And Method For Scheduling Data Delivery Using Flow And Stretch Algorithms
Issued	United States	09/338,890	6389398	6/23/1999	5/14/2002	System And Method For Storing And Executing Network Queries Used In Interactive
Issued	United States	09/339,844	6687254	6/25/1999	2/3/2004	FLEXIBLE THRESHOLD BASED BUFFERING SYSTEM FOR USE IN DIGITAL
Issued	United States	09/340,565	6204444	6/28/1999	3/20/2001	EMI Shielding Gasket For An Electronic System
Issued	United States	09/342,145	6157847	6/29/1999	12/5/2000	Base Station System Including Parallel Interference Cancellation Processor
Issued	United States	09/342,480	6631268	6/29/1999	10/7/2003	DATA TRANSMISSION METHOD AND RADIO SYSTEM
Issued	United States	09/342,740	6400713	6/29/1999	6/4/2002	INTEGRATED ELEMENT MANAGER AND INTEGRATED MULTI-SERVICES ACCESS
Issued	United States	09/342,809	6434726	6/29/1999	8/13/2002	System And Method Of Transmission Using Coplanar Bond Wires
Issued	United States	09/342,912	6807171	6/30/1999	10/19/2004	Virtual path aggregation
Issued	United States	09/345,819	6628731	6/30/1999	9/30/2003	SIGNAL LEVEL CONTROL FOR DIG. RECEIVER
Issued	United States	09/345,742	6463262	7/1/1999	10/8/2002	CONSTANT-FRACTION PHONE SLIDE
Issued	United States	09/344,781	6704311	6/25/1999	3/9/2004	Application-Level Switching Server For Internet Protocol (IP) Based Networks
Issued	United States	09/344,583	6493553	6/25/1999	12/10/2002	Mobile-Station Adapted For Removable User Identity Modules
Issued	United States	09/346,153	6590970	7/9/1999	7/8/2003	Intelligent-Networked Telephone System Having Advertisement With Bonus Free
Issued	United States	09/346,152	6356630	6/30/1999	3/12/2002	Telephone Calling Card Service System Integrating Virtual Destination Numbers
Issued	United States	09/345,826	6363403	6/30/1999	3/26/2002	Garbage Collection In Object Oriented Databases Using Transactional Cyclic Reference
Issued	United States	09/347,462	6584104	7/6/1999	6/24/2003	Lost-Packet Replacement For A Digital Voice Signal
Issued	United States	09/347,165	6628626	7/2/1999	9/30/2003	
Issued	United States	09/347,786	6396829	7/6/1999	5/28/2002	Communications Channel Synchronous Micro-Cell System For Integrating Circuit And
Issued	United States	09/348,575	6980548	7/7/1999	12/27/2005	INTERNET FORWARDING METHOD RELATED SYSTEM AND RELATED DEVICES
Issued	United States	09/349,263	6477555	7/7/1999	11/5/2002	Method And Apparatus For Performing Rapid Convolution
Issued	United States	09/350,160	6434610	7/9/1999	8/13/2002	Memory Units for ON-Demand Service
Issued	United States	09/350,431	6487689	7/8/1999	11/26/2002	A RECEIVER INITIATED RECOVERY ALGORITHM (RIRA) FOR THE LAYER 2 TUNNELING
Issued	United States	09/350,607	6404423	7/9/1999	6/11/2002	METHOD FOR DISPLAY POWER MANAGEMENT AND MONITOR EQUIPPED WITH A
Issued	United States	09/351,597	7143166	7/12/1999	11/28/2006	Dynamic Bandwidth Allocation In A Reservation System
Issued	United States	09/352,404	6961393	7/14/1999	11/1/2005	In-Band-On-Channel (IBOC) System And Methods Of Operation Using Orthogonal
Issued	United States	09/352,417	6351729	7/12/1999	2/26/2002	Multiple-Window Method For Obtaining Improved Spectrograms Of Signals
Issued	United States	09/352,562	7068661	7/13/1999	6/27/2006	Method and apparatus for providing control information in a system using distributed
Issued	United States	09/352,812	6189848	7/13/1999	2/20/2001	Fastener With Integral Spring Clip
Issued	United States	09/352,963	6529884	7/14/1999	3/4/2003	A Minimalistic Electronic Commerce System
Issued	United States	09/353,009	6590945	7/13/1999	7/8/2003	Method And Apparatus For Frequency Offset Compensation
Issued	United States	09/353,386	6292372	7/15/1999	9/18/2001	Solder Thieving Pad For Wave Soldered Through-Hole Components
Issued	United States	09/353,460	7035238	7/13/1999	4/25/2006	Code Assignment In A CDMA Wireless System
Issued	United States	09/353,596	6615045	7/15/1999	9/2/2003	Method For Transferring Data Upon Request Using Permanent Identifier
Issued	United States	09/353,716	6549311	7/14/1999	4/15/2003	Wave Division Multiplexing Channel Telemetry By Phase Modulation

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Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	09/353,898	6423770	7/15/1999	7/23/2002	Silicate Material And Process For Fabricating Silicate Material
Issued	United States	09/356,261	6411653	7/16/1999	6/25/2002	Cascaded Polyphase DFT-Filter Bank For A Wireless Telecommunications System
Issued	United States	09/356,284	6397385	7/16/1999	5/28/2002	Method and Apparatus for In Service Software upgrade for Expandable
Issued	United States	09/356,387	6724842	7/16/1999	4/20/2004	Method For Wireless Differential Communication Using Multiple Transmitter Antennas
Issued	United States	09/356,458	6324401	7/19/1999	11/27/2001	Combined uplink and downlink handover criteria
Issued	United States	09/356,510	6628632	7/19/1999	9/30/2003	Method And Apparatus For Permitting Direct Handoff Between Base Stations In A
Issued	United States	09/356,816	6487415	7/19/1999	11/26/2002	Method for Initiating Call Blocking Based Upon Pilot Fraction
Issued	United States	09/358,390	6618378	7/21/1999	9/9/2003	Method and apparatus for supporting multiple class of service connections in a
Issued	United States	09/360,648	6529474	7/26/1999	3/4/2003	Shaping Algorithm
Issued	United States	09/361,317	6782037	7/27/1999	8/24/2004	Demodulation Method For Receiver
Issued	United States	09/361,430	6490270	7/27/1999	12/3/2002	Modulation Method For Transmitter
Issued	United States	09/361,733	6281110	7/27/1999	8/28/2001	Method For Making An Integrated Circuit Including Deuterium Annealing Of Metal
Issued	United States	09/362,117	6813246	7/28/1999	11/2/2004	ROUTING CALLS WITH OVERFLOWS IN A PRIVATE NETWORK
Issued	United States	09/362,118	6667958	7/28/1999	12/23/2003	ROUTING CALLS TO EXTERNAL NETWORKS FROM A PRIVATE NETWORK
Issued	United States	09/363,336	6191875	7/29/1999	2/20/2001	Process For Holography Using Reference Beam Having Correlated Phase Content
Issued	United States	09/363,528	6351154	7/29/1999	2/26/2002	Phase Detector
Issued	United States	09/363,674	6424719	7/29/1999	7/23/2002	Acoustic Crosstalk Cancellation System
Issued	United States	09/363,928	6519327	7/30/1999	2/11/2003	System And Method For Selectively Retrieving Messages Stored On Telephony And
Issued	United States	09/364,308	6909694	7/30/1999	6/21/2005	ROUTING IN A PRIVATE NETWORK WITH COMPRESSION
Issued	United States	09/364,502	6678274	7/30/1999	1/13/2004	Method and System For Managing Forwarding Tables
Issued	United States	09/364,724	6782254	7/30/1999	8/24/2004	Handling Of Forward-To Numbers Across Regional And Political Boundaries
Issued	United States	09/364,904	6625453	7/30/1999	9/23/2003	Efficient Wireless Call Delivery Across Regional And Political Boundaries
Issued	United States	09/365,930	6377675	8/2/1999	4/23/2002	Method And Apparatus For Even Distribution Of signaling Link Selection Codes
Issued	United States	09/366,619	6538991	8/3/1999	3/25/2003	Constraint-Based Routing Between Ingress-Egress Points In A Packet Network
Issued	United States	09/366,620	6584071	8/3/1999	6/24/2003	Routing With Service Level Guarantees Between Ingress-Egress Points In A packet
Issued	United States	09/368,380	6956898	8/4/1999	10/18/2005	Method And Apparatus For Dense Motion Field Based Coding
Issued	United States	09/368,381	6778678	8/4/1999	8/17/2004	High-Capacity Digital Image Watermarking Based On Waveform Modulation Of Image
Issued	United States	09/368,752	6438100	8/5/1999	8/20/2002	Method and apparatus for routing server redundancy in a network having carrier scale
Issued	United States	09/368,931	6661775	8/5/1999	12/9/2003	Redundant Routing With Deadlines In Data Networks
Issued	United States	09/368,985	6819667	8/5/1999	11/16/2004	PSTN-Internet Notification Service
Issued	United States	09/369,687	6405046	8/6/1999	6/11/2002	Method For Partitioning Mobile Stations of a Wireless Network Between an Overlay
Issued	United States	09/369,915	6519026	8/6/1999	2/11/2003	Optical Time-Domain Reflectometer (OTDR)
Issued	United States	09/370,531	6252180	8/9/1999	6/26/2001	An Electromagnetic Interference Cover For A Conduit And An Electronic Equipment
Issued	United States	09/370,661	661674	8/6/1999	8/26/2003	UTILIZATION OF RADIO CHANNEL MEASUREMENTS IN VIDEO CODING
Issued	United States	09/370,824	6192172	8/9/1999	2/20/2001	Optical Wavelength-Space Cross-Connect Switch Architecture
Issued	United States	09/370,826	6721270	8/9/1999	4/13/2004	Multicommodity Flow Method For Designing Traffic Distribution On A Multiple-Service
Issued	United States	09/371,112	6751363	8/10/1999	6/15/2004	Methods Of Imaging Based On Wavelet Retrieval Of Scenes
Issued	United States	09/371,165	6509987	8/10/1999	1/21/2003	Channel Band Conversion Apparatus For Optical Transmission Systems
Issued	United States	09/371,385	6434139	8/10/1999	8/13/2002	Method For Optimizing Mobile Wireless Communications Routed Across Plural
Issued	United States	09/371,513	6196036	8/10/1999	3/6/2001	Torque-Limited Key
Issued	United States	09/371,529	6567480	8/11/1999	5/20/2003	Method And Apparatus For Sampling Timing Adjustment And Frequency Offset
Issued	United States	09/371,989	6330104	8/11/1999	12/11/2001	Optical Wavelength Conversion Using Four Wave Mixing In Fiber
Issued	United States	09/373,077	6213578	8/11/1999	4/10/2001	Mounting Assembly For An Enclosure
Issued	United States	09/373,239	6570882	8/12/1999	5/27/2003	METHOD OF MANAGING A QUEUE OF DIGITAL CELLS
Issued	United States	09/374,256	6584590	8/13/1999	6/24/2003	JTAG Port-Sharing Device
Issued	United States	09/375,657	6516306	8/17/1999	2/4/2003	Model Checking Of Message Flow Diagrams
Issued	United States	09/377,387	6259319	8/19/1999	7/10/2001	Adaptive Gain And/Or Phase Adjustment Control System And Method

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Status	Country	Serial No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	09/378,009	6392480	8/19/1999	5/21/2002	Alternating Gain And Phase Control System And Method
Issued	United States	09/378,129	6122081	8/18/1999	9/19/2000	Using The Talbot Effect For Lensless Imaging Of Periodic Structures In A Holographic
Issued	United States	09/378,362	6501963	8/20/1999	12/31/2002	Design, Fabrication And Operation Of Antennas For Diffusive Environments
Issued	United States	09/378,687	6212071	8/20/1999	4/3/2001	Electrical Circuit Board Heat Dissipation System
Issued	United States	09/379,151	6195064	8/23/1999	2/27/2001	Communication Employing Triply-Polarized Transmissions
Issued	United States	09/379,675	7373151	8/24/1999	5/13/2008	Distributed Dynamic Channel Allocation Technique For Multi-Carrier CDMA Cellular
Issued	United States	09/382,282	6452490	8/24/1999	9/17/2002	Home/Commercial Security Monitoring System
Issued	United States	09/382,853	6366393	8/25/1999	4/2/2002	Fast Gain Control For Optical Amplifiers
Issued	United States	09/383,701	6380491	8/26/1999	4/30/2002	A Method For Producing Snap Fit Apertures For RF Shield Fences
Issued	United States	09/383,702	6535912	8/26/1999	3/18/2003	Method For Creating And Playing Back A Smart Bookmark That Automatically
Issued	United States	09/384,602	6580538	8/27/1999	6/17/2003	Reduction Of Optical Impairments In Wavelength Division Multiplexed Systems
Issued	United States	09/384,646	6363424	8/27/1999	3/26/2002	Reuse Of Services Between Different Domains using State Machine Mapping
Issued	United States	09/384,699	6418540	8/27/1999	7/9/2002	State Transfer With Throw-Away Thread
Issued	United States	09/386,587	6496531	8/27/1999	12/17/2002	Method And System For Controlling Forward Transmit Power In A Wireless System
Issued	United States	09/386,729	7184765	8/31/1999	2/27/2007	ENHANCED ROAMING NOTIFICATION OF CALL HANDOFFS
Issued	United States	09/387,571	6959323	8/31/1999	10/25/2005	Scalable Atomic Multicast
Issued	United States	09/388,393	6311007	8/31/1999	10/30/2001	A Fiber-Optic Cable Tray Having Adjustable Components
Issued	United States	09/389,080	6389120	9/1/1999	5/14/2002	Method And Apparatus For Multiple Logical Channel Information Delivery Over
Issued	United States	09/390,204	6289160	9/1/1999	9/11/2001	A Fiber-Optic Cable Routing And Storage Device
Issued	United States	09/390,510	6668050	9/2/1999	12/23/2003	Common Access Code Routing Using Subscriber Directory Number
Issued	United States	09/391,018	6608844	9/3/1999	8/19/2003	OC-3 DELIVERY UNIT; TIMING ARCHITECTURE
Issued	United States	09/391,098	6546237	9/7/1999	4/8/2003	Differential FM Detector For Radio Receivers
Issued	United States	09/391,316	6754322	9/7/1999	6/22/2004	Call Me Conference Call System
Issued	United States	09/391,713	6415384	9/7/1999	7/2/2002	Method For Document Comparison And Classification Using Document Image
Issued	United States	09/393,535	6542635	9/7/1999	4/1/2003	Hardware/Software Co-Synthesis Of Dynamically Reconfigurable Embedded Systems
Issued	United States	09/393,747	6532088	9/7/1999	3/11/2003	Distributed IP Routing in SONET Rings
Issued	United States	09/393,949	7054267	9/8/1999	5/30/2006	Method And Apparatus For Scheduling Traffic To Meet Quality Of Service
Issued	United States	09/394,172	6392988	9/10/1999	5/21/2002	Transmitter Architecture Employing Space Time Spreading And Orthogonal Transmit
Issued	United States	09/394,331	6717926	9/10/1999	4/6/2004	APPARATUS AND ASSOCIATED METHOD, BY WHICH TO TRANSMIT BEACON SIGNALS
Issued	United States	09/395,041	6284970	9/13/1999	9/4/2001	Electromagnetic Interference Cover For An Electronics Module And An Electronic
Issued	United States	09/395,325	6317410	9/13/1999	11/13/2001	A Receiver Architecture Employing Space Time Spreading And Orthogonal Transmit
Issued	United States	09/396,011	6445693	9/13/1999	9/3/2002	Method And Apparatus For Estimating Power Of First Adjacent Analog FM
Issued	United States	09/396,058	6807241	9/13/1999	10/19/2004	Method And Apparatus For Partial And Course Frequency Offset Estimation In A Digital
Issued	United States	09/396,856	6233805	9/15/1999	5/22/2001	Arrangement For Manipulating a PIN in an Electrical Assembly Including a
Issued	United States	09/396,862	6363181	9/15/1999	3/26/2002	Method And Apparatus For Wavelength-Division Multiplexing
Issued	United States	09/396,938	6493777	9/15/1999	12/10/2002	Method For Dynamically Reconfiguring Data Bus Control
Issued	United States	09/396,948	6285324	9/15/1999	9/4/2001	Antenna Package For A Wireless Communications Device
Issued	United States	09/397,015	6525853	9/15/1999	2/25/2003	Laser Communication System and Method of Operation Using Multiple Transmitters
Issued	United States	09/397,031	6201221	9/16/1999	3/13/2001	Method And Apparatus For Heat Regulating Electronic Products
Issued	United States	09/397,208	6493445	9/16/1999	12/10/2002	Providing Alerting/Call Waiting/Call Holding Services To On-Line Internet Users
Issued	United States	09/397,563	6393104	9/16/1999	5/21/2002	Enhanced Life-Line Service For Cable Telephone Customers
Issued	United States	09/398,500	6842421	9/17/1999	1/11/2005	Method And Apparatus For Post-Detection Maximum Ratio Combining With Antenna
Issued	United States	09/398,502	7573807	9/17/1999	8/11/2009	Method And Apparatus For Performing Differential Modulation Over Frequency In An
Issued	United States	09/398,862	7324645	9/17/1999	1/29/2008	MENETELMÄ MATKAVIESTIMEN TODENTAMISEKSI, TIETOLIIKENNEJÄRJESTELMÄ JA
Issued	United States	09/399,562	6204727	9/20/1999	3/20/2001	PRECISION CONTROLLED RF POWER DETECTOR CIRCUIT
Issued	United States	09/399,571	6459297	9/20/1999	10/1/2002	System For Programming Field Programmable Devices
Issued	United States	09/401,136	6460177	9/22/1999	10/1/2002	Method For Target-Specific Development Of Fixed-Point Algorithms Employing C++

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Status	Country	Application No.	Filing Date	Patent No.	Issue Date	Title
Issued	United States	09/404,059	9/23/1999	6335107	1/1/2002	Metal Article Coated With Multilayer Surface Finish For Porosity Reduction
Issued	United States	09/404,892	9/24/1999	6538787	3/25/2003	Apparatus And Method For Polarization Mode Dispersion Emulation And
Issued	United States	09/407,876	9/29/1999	6545690	4/8/2003	Liaison Interface
Issued	United States	09/407,878	9/29/1999	7080319	7/18/2006	TECHNOLOGY TO TRANSLATE NON-TEXT DISPLAY GENERATION DATA REPRESENTING
Issued	United States	09/407,885	9/29/1999	6651241	11/18/2003	Scriptor And Interpreter
Issued	United States	09/410,249	9/29/1999	6914877	7/5/2005	System For Alerting A Network Of Changes In Operational Status Of Communication
Issued	United States	09/407,890	9/29/1999	6658646	12/2/2003	Multiple Interface Scripting Language
Issued	United States	09/409,153	9/30/1999	6529515	3/4/2003	Method And Apparatus For Efficient Network Management Using An Active Network
Issued	United States	09/409,573	9/30/1999	6721315	4/13/2004	CONTROL ARCHITECTURE IN OPTICAL BURST-SWITCHED NETWORKS
Issued	United States	09/409,631	10/1/1999	6337761	1/8/2002	Electrophoretic Display And Method Of Making The Same
Issued	United States	09/411,229	10/4/1999	6188361	2/13/2001	ACTIVE ANTENNA PANEL OF MULTILAYER STRUCTURE
Issued	United States	09/412,524	10/5/1999	6327400	12/4/2001	Protection Scheme For Single Fiber Bidirectional Passive Optical Point-To-Multipoint
Issued	United States	09/412,897	10/5/1999	6947420	9/20/2005	APPLICATIONS OF USER-TO-USER INFORMATION TRANSFER BETWEEN
Issued	United States	09/413,259	10/6/1999	6574477	6/3/2003	Dynamic Load Balancing During Message Processing In A Wireless Communication
Issued	United States	09/414,311	10/7/1999	6675190	1/6/2004	Method for cooperative multitasking in a communications network, and a network
Issued	United States	09/414,915	10/8/1999	6363464	3/26/2002	Redundant Processor Controlled System
Issued	United States	09/415,923	10/8/1999	6707454	3/16/2004	Systems And Methods For Visualizing Multi-Dimensional Data In Spreadsheets And
Issued	United States	09/416,545	10/12/1999	6549513	4/15/2003	METHOD AND APPARATUS FOR FAST DISTRIBUTED RESTORATION OF A
Issued	United States	09/418,647	10/15/1999	7346008	3/18/2008	Method and apparatus for data driven network management.
Issued	United States	09/418,702	10/15/1999	6538416	3/25/2003	Border Gateway Reservation Protocol For Tree-Based Aggregation Of Inter-Domain
Issued	United States	09/418,703	10/15/1999	6392511	5/21/2001	RF Impedance Selector And/Or RF Short Switch
Issued	United States	09/418,250	10/15/1999	6680966	1/20/2004	SPREAD-SPECTRUM TRANSMISSION SYSTEM WITH FILTERED MULTI-CARRIER
Issued	United States	09/418,795	10/15/1999	6434631	8/13/2002	Method And system For Providing Computer Storage Access With Quality Of Service
Issued	United States	09/418,313	10/14/1999	6683868	1/27/2004	GATEWAY MAKING IT POSSIBLE TO DEVELOP NEW SERVICES INDEPENDENTLY FROM
Issued	United States	09/418,874	10/15/1999	6124650	9/26/2000	Non-Volatile MEMS Micro-Relays Using Magnetic Actuators
Issued	United States	09/419,471	10/15/1999	6570849	5/27/2003	TDM-Quality Voice Over Packet
Issued	United States	09/420,275	10/18/1999	7161912	1/9/2007	Multi-Carrier/Multi-Sector Channel Pooling In A Wireless Communication System Base
Issued	United States	09/422,205	10/19/1999	6697490	2/24/2004	Automatic Resynchronization Of Crypto-Sync Information
Issued	United States	09/425,152	10/21/1999	6453026	9/17/2002	Telecommunications Network Architecture For Accessing Customer Premises
Issued	United States	09/425,373	10/22/1999	6407704	6/18/2002	Patch Antenna Using Non-Conductive Thermo Form Frame
Issued	United States	09/425,397	10/22/1999	6268408	7/31/2001	Conductive Fire-Retardant Thermoplastic Elastomer Mixture
Issued	United States	09/426,331	10/25/1999	6484276	11/19/2002	Method And Apparatus For Providing Extensible Object-Oriented Fault Injection
Issued	United States	09/426,791	10/22/1999	6963572	11/8/2005	METHOD AND APPARATUS FOR SEGMENTATION AND REASSEMBLY OF DATA PACKETS
Issued	United States	09/426,858	10/26/1999	6374094	4/16/2002	RF Filter Architecture Supporting Simultaneous Filtered Reception Of A And B Bands Of
Issued	United States	09/427,130	10/25/1999	6316996	11/13/2001	ADJUSTABLE PNP OR PMOS AC-LOAD
Issued	United States	09/427,421	10/26/1999	6160645	12/12/2000	Holographic Media
Issued	United States	09/427,682	10/27/1999	6577420	6/10/2003	Reduction Of Modal Noise In Step-Index Fiber Bundles
Issued	United States	09/428,907	10/28/1999	6445847	9/3/2002	Apparatus And Method For Achieving A Smooth Spectral Response Optical Filter
Issued	United States	09/429,467	10/28/1999	6549673	4/15/2003	Wavelet-Based Compression Of Images For Storage, Transmission And Reconstruction
Issued	United States	09/430,161	10/29/1999	6457142	9/24/2002	Method And Apparatus For Target Application Program Supervision
Issued	United States	09/430,510	10/29/1999	6546085	4/8/2003	System And Method To Enable A Calling Party To Verify Delivery And To Cancel Stored
Issued	United States	09/430,983	11/1/1999	6691300	2/10/2004	Method And Apparatus For Analyzing The Progress Of A Software Upgrade On A
Issued	United States	09/431,071	11/1/1999	6675219	1/6/2004	TECHNIQUE FOR IMPROVING THROUGHPUT OF A GATEWAY INTERFACE
Issued	United States	09/431,741	11/1/1999	6393101	5/21/2002	Method And Apparatus For Determining Whether The Advance State Of A
Issued	United States	09/431,785	11/2/1999	6470183	10/22/2002	Method And Apparatus For Reducing The Effects Of Intermodulation Interference In A
Issued	United States	09/431,792	11/2/1999	6539203	3/25/2003	Method For Determining Cellular Radio Channel Assignments To Minimize

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Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	09/432,069	6886036	11/2/1999	4/26/2005	TO PRINT THE DOCUMENT TO E-SERVICE
Issued	United States	09/432,749	6788820	11/3/1999	9/7/2004	Method And Apparatus For Wavelet-Based Image Compression
Issued	United States	09/432,775	6284981	11/2/1999	9/4/2001	Element And Method For Securing A Circuit Component To A Circuit Board
Issued	United States	09/433,334	6155921	11/4/1999	12/5/2000	AIR RAMP
Issued	United States	09/435,731	6445924	11/8/1999	9/3/2002	SPONTANEOUS TRAFFIC REASON HANDOVER
Issued	United States	09/436,766	663003	11/9/1999	10/7/2003	Uncorrelated Michelson Interferometer
Issued	United States	09/436,852	6266248	11/9/1999	7/24/2001	Lockable Latch And Switch Actuator Assembly for A Circuit Card
Issued	United States	09/436,941	6389123	11/8/1999	5/14/2002	Decreased-Size Representation Employed With Portion Of Automated Number
Issued	United States	09/437,271	6438655	11/10/1999	8/20/2002	Method And Memory Cache For Cache Locking On Bank-By-Bank Basis
Issued	United States	09/437,959	6499136	11/10/1999	12/24/2002	Single-Shot Entry Code
Issued	United States	09/438,794	6271777	11/12/1999	8/7/2001	Data Transmission System Employing Clock-Enriched Data Coding And Sub-Harmonic
Issued	United States	09/438,900	6600796	11/12/1999	7/29/2003	Method and Apparatus for Receiving Wireless Transmissions Using Multiple-Antenna
Issued	United States	09/438,986	6272022	11/12/1999	8/7/2001	Bracket Assembly With Enhanced EMI Containment
Issued	United States	09/440,045	6438363	11/15/1999	8/20/2002	Wireless Modem Alignment In A Multi-Cell Environment
Issued	United States	09/440,200	862607	11/15/1999	3/1/2005	LIGHTWEIGHT HTTP PROTOCOL.
Issued	United States	09/440,690	6790044	11/16/1999	9/14/2004	Process for the automatic creation and monitoring of a progress plan for a training
Issued	United States	09/444,154	6574686	11/20/1999	6/3/2003	Method For Overcoming Faults In An ATM I/O Module And Lines Connected Thereto
Issued	United States	09/444,318	6294956	11/19/1999	9/25/2001	System And Method For Producing Amplified Signal(s) Or Version(s) Thereof
Issued	United States	09/444,638	6711259	11/22/1999	3/23/2004	Method And Apparatus For Noise Suppression And Side-Tone Generation
Issued	United States	09/444,780	6690682	11/22/1999	2/10/2004	Bit Multiplexing Of Packet-Based Channels
Issued	United States	09/441,091	6785287	11/16/1999	8/31/2004	INTEGRATED IP TELEPHONY AND CELLULAR COMMUNICATION SYSTEM AN D METHOD
Issued	United States	09/441,437	6484202	11/16/1999	11/19/2002	Method And Apparatus For Determining The Status Of A Transmission Link
Issued	United States	09/443,453	6768746	11/19/1999	7/27/2004	DATA CENTERED TRANSMISSION NETWORK MODELLED AS"ON-DEMAND BANDWITH"
Issued	United States	09/443,463	6819685	11/19/1999	11/16/2004	TRANSPORTATION OF A FREQUENCY
Issued	United States	09/444,091	6771671	11/22/1999	8/3/2004	Data Flow Synchronization And Ordering
Issued	United States	09/445,808	7088699	2/29/2000	8/8/2006	CELLULAR RECEIVER AND RECEPTION METHOD
Issued	United States	09/447,154	6174786	11/23/1999	1/16/2001	Shallow Trench Isolation Method Providing Rounded Top Trench Corners
Issued	United States	09/447,299	6597666	11/23/1999	7/22/2003	Editor for Switch Configuration Data
Issued	United States	09/447,790	6597681	11/23/1999	7/22/2003	Time-Based Mapping Of Control Channel Bursts In A Wireless Communication Network
Issued	United States	09/448,070	6748005	11/23/1999	6/8/2004	Methods And Apparatus For Providing A Direct Frequency Hopping Wireless Interface
Issued	United States	09/448,749	6490450	11/24/1999	12/3/2002	Capture Mobile Subscriber Information
Issued	United States	09/448,763	6323729	11/24/1999	11/27/2001	ADSL LINE DRIVER.
Issued	United States	09/449,649	7035208	11/30/1999	4/25/2006	Reverse Statistical Multiplexing To Achieve Efficient Digital Packing With Link
Issued	United States	09/450,054	6977950	11/30/1999	12/20/2005	Power Distribution Network For Optoelectronic Circuits
Issued	United States	09/450,354	6594659	11/29/1999	7/15/2003	Method For Creating A Toll-Free Number Audit Tape
Issued	United States	09/450,356	6530008	11/29/1999	3/4/2003	Method For Managing A Database For Storing Variable Size Data Records Using Fixed
Issued	United States	09/450,934	6950291	11/29/1999	9/27/2005	ELECTROMAGNETIC INTERFERENCE SHIELDING FOR SMALL MAGNETIC DEVICES
Issued	United States	09/450,993	6268768	11/29/1999	7/31/2001	Amplifier Having Linear Characteristics
Issued	United States	09/451,070	6473878	11/30/1999	10/29/2002	Serial-Concatenated Turbo Codes
Issued	United States	09/451,327	6760312	11/30/1999	7/6/2004	Quality Of Service On Demand
Issued	United States	09/451,456	6628296	11/30/1999	9/30/2003	A METHOD AND A DEVICE FOR PROCESSING DIGITIZED IMAGE
Issued	United States	09/452,084	6510174	11/30/1999	1/21/2003	UPLINK CHANNEL SOUNDING FOR GPRS
Issued	United States	09/452,198	6980331	12/2/1999	12/27/2005	AUTOMATIC SEND TO EMBEDDED FAX/E-MAIL ADDRESS
Issued	United States	09/453,113	6219645	12/2/1999	4/17/2001	Enhanced Automatic Speech Recognition Using Multiple Directional Microphones
Issued	United States	09/454,326	6631170	12/3/1999	10/7/2003	RADIO FREQUENCY RECEIVER
Issued	United States	09/454,930	6788678	12/3/1999	9/7/2004	Improved Interface Between Channel Units Of Multiple Local Exchange Carriers

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Status	Country	App. No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	09/455,049	6522732	12/6/1999	2/18/2003	System and Method of Preserving Stable Calls During a Split Mode Operation of
Issued	United States	09/459,045	6625210	12/10/1999	9/23/2003	Method For Making A Call In A Multiple Bit-Rate Channel, Corresponding Bit-Rate
Issued	United States	09/459,441	6711153	12/13/1999	3/23/2004	Route Lookup Engine
Issued	United States	09/461,834	6519454	12/15/1999	2/11/2003	Apparatus And Method Providing Ubiquitous Call Transfer Of An Incoming Call To A
Issued	United States	09/461,876	6940846	12/15/1999	9/6/2005	Method And Apparatus For Implementing Feature Assist On A Telecommunication
Issued	United States	09/461,881	6445922	12/15/1999	9/3/2002	Method And System For Support Of Overlapping IP Addresses Between An
Issued	United States	09/461,885	6408066	12/15/1999	6/18/2002	ADC Skill-Based Routing
Issued	United States	09/461,886	6591373	12/15/1999	7/8/2003	Uniform Configuration Controller For Replicated Component Systems
Issued	United States	09/464,247	6222416	12/16/1999	4/24/2001	SIGNAL AMPLIFIER CIRCUIT WITH SYMMETRICAL INPUTS AND OUTPUTS
Issued	United States	09/464,452	6567406	12/16/1999	5/20/2003	A Method of Labeling Data Units with a Domain Field
Issued	United States	09/464,832	6559988	12/16/1999	5/6/2003	Optical Wavelength Add/Drop Multiplexer For Dual Signal Transmission Rates
Issued	United States	09/464,878	6717911	12/16/1999	4/6/2004	Telecommunications Switching Circuit Using Tri-State Buffers
Issued	United States	09/464,920	6443010	12/16/1999	9/3/2002	Audible Air Flow Detector For Air Filters
Issued	United States	09/465,102	6584198	12/16/1999	6/24/2003	DEVICE AND METHOD FOR MONITORING SHOCK
Issued	United States	09/465,578	6708328	12/17/1999	3/16/2004	Employment Of Value Of Unknown In Portion Of Partial State Space For Analysis Of
Issued	United States	09/465,584	6842462	12/17/1999	1/11/2005	Wireless Access Of Packet Based Networks
Issued	United States	09/466,485	6430152	12/22/1999	8/6/2002	VIRTUAL CHANNEL (VC) SCHEDULER SYSTEM AND SCHEDULING ALGORITHM
Issued	United States	09/466,713	6977924	12/22/1999	12/20/2005	CONTROL AND DISTRIBUTION PROTOCOL FOR A PORTABLE ROUTER FRAMEWORK
Issued	United States	09/469,670	6813490	12/17/1999	11/2/2004	MOBILE STATION WITH AUDIO SIGNAL ADAPTATION TO HEARING CHARACTERISTICS
Issued	United States	09/467,429	6532090	2/28/2000	3/11/2003	Wavelength Selective Cross-Connect With Reduced Complexity
Issued	United States	09/467,664	6621830	12/22/1999	9/16/2003	VARIBLE RATE SUBSCRIBER BUS
Issued	United States	09/470,202	6507316	12/21/1999	1/14/2003	Method For Mounting Patch Antenna
Issued	United States	09/470,480	6232923	11/11/1999	5/15/2001	Patch Antenna Construction
Issued	United States	09/469,583	6434155	12/22/1999	8/13/2002	Weighted Round Robin (WRR) Engine for VC Scheduler
Issued	United States	09/470,658	6526137	12/22/1999	2/25/2003	Display Techniques For Three-Dimensional Virtual Reality
Issued	United States	09/471,632	6404880	12/24/1999	6/11/2002	SYSTEM AND METHOD OF PERFORMING FORCED DEFAULT ROUTING OF CALLS
Issued	United States	09/471,641	6535310	12/23/1999	3/18/2003	METHOD AND APPARATUS FOR DELIVERING CRITICAL INFORMATION
Issued	United States	09/471,920	6999521	12/23/1999	2/14/2006	Strictly Non-Blocking Wavelength Division Multiplexed (WDM) Cross-Connect Device
Issued	United States	09/471,925	6487332	12/23/1999	11/26/2002	Method And Apparatus For Shortening The Critical Path Of Reduced Complexity
Issued	United States	09/472,909	6370035	12/27/1999	4/9/2002	Strictly Non-Blocking Wavelength Division Multiplexed (WDM) Cross-Connect Device
Issued	United States	09/473,409	6683891	12/27/1999	1/27/2004	ELECTRONIC CIRCUIT PACK AND SHEL AND ELECTRONIC CIRCUIT PACK COMBINATIONS
Issued	United States	09/473,650	7409226	12/29/1999	8/5/2008	METHOD AND APPARATUS FOR PASSING CONTROL INFORMATION IN A
Issued	United States	09/473,809	6771824	12/28/1999	8/3/2004	Use Of Doppler Direction Finding To Improve Signal Link Performance In A Wireless
Issued	United States	09/474,415	6621825	12/29/1999	9/16/2003	Adaptive Variable Length Decoding Method
Issued	United States	09/477,834	6334529	1/5/2000	1/1/2002	METHOD AND APPARATUS FOR PER CONNECTION QUEUING OF MULTICAST
Issued	United States	09/477,910	6898281	1/5/2000	5/24/2005	System And Method For Filtering Echo/Next Signal Interferrence
Issued	United States	09/477,972	6317098	1/5/2000	11/13/2001	Communication Employing Triply-Polarized Transmissions
Issued	United States	09/478,227	6467980	1/6/2000	10/22/2002	Apparatus For Cleaning Optical Fiber Endfaces
Issued	United States	09/479,831	6256138	1/7/2000	7/3/2001	Fiber Filter To Improve Return Loss At Signal Band Of A Fiber Amplifier For Pump Laser
Issued	United States	09/479,860	6603761	1/7/2000	8/5/2003	Using Internet And Internet Protocols To Bypass PSTN, GSM Map, And ANSI-41
Issued	United States	09/482,837	6206708	1/13/2000	3/27/2001	A Through Via Plate Electrical Connector And Method Of Manufacture Thereof
Issued	United States	09/482,839	6263957	1/13/2000	7/24/2001	Integrated Active Cooling Device For Board Mounted Electronic Components
Issued	United States	09/483,041	6394175	1/13/2000	5/28/2002	Top Mounted Cooling Device Using Heat Pipes
Issued	United States	09/483,056	6516436	1/13/2000	2/4/2003	Error Control Coding For Transmission Equipment Protection
Issued	United States	09/483,143	6704281	1/13/2000	3/9/2004	BITTINOPEUDEN OHJAUS MULTIMEDIALAITTEESSA
Issued	United States	09/487,522	7475334	1/19/2000	1/6/2009	Method And System For Abstracting Electronic Documents

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Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	09/488,181	6977899	1/20/2000	12/20/2005	Method And Apparatus For Message-Based Overload Control In A Distributed Call-
Issued	United States	09/488,543	6411817	1/21/2000	6/25/2002	Method And System For Dynamic Downlink Power Control In A Time-Division,
Issued	United States	09/488,736	6680902	1/20/2000	1/20/2004	SPREADING CODE SELECTION PROCESS FOR EQUALISATION IN CDMA
Issued	United States	09/490,610	6385373	1/25/2000	5/7/2002	Compensated Cascaded Waveguides
Issued	United States	09/494,267	6556816	1/31/2000	4/29/2003	Method And Apparatus For Re-Establishing A Call In A Communication System
Issued	United States	09/495,187	6693898	2/1/2000	2/17/2004	Call Control Model For A Packet-Based Intelligent Telecommunications Network
Issued	United States	09/495,207	7664115	1/31/2000	2/16/2010	Method and apparatus for merging virtual connections
Issued	United States	09/496,115	6264536	2/1/2000	7/24/2001	Reducing Polish Platen Corrosion During Integrated Circuit Fabrication
Issued	United States	09/496,985	6400165	2/2/2000	6/4/2002	Ultra-Fast Probe
Issued	United States	09/498,643	6693886	2/7/2000	2/17/2004	USING SEPARATE Q931 CONNECTIONS PER GSM TRANSACTION
Issued	United States	09/500,191	6760435	2/8/2000	7/6/2004	Method And Apparatus For Network Speech Enhancement
Issued	United States	09/500,387	695000	2/8/2000	10/25/2005	Configuration Management Of A Hybrid DCS-SONET Ring Network
Issued	United States	09/500,869	6853729	2/9/2000	2/8/2005	Method And Apparatus For Performing A Key Update Using Update Key
Issued	United States	09/502,513	6397081	2/11/2000	5/28/2002	MECHANISM FOR HOLDING AN INTEGRATED CIRCUIT CARD
Issued	United States	09/503,036	6542723	2/11/2000	4/1/2003	Optoelectronic Phase-Locked Loop With Balanced Photodetection For Clock Recovery
Issued	United States	09/504,548	6731673	2/15/2000	5/4/2004	SYNCHRONIZATION CHANNEL WITH CYCLIC HIERARCHICAL SEQUENCES AND METHOD
Issued	United States	09/504,995	6785352	2/15/2000	8/31/2004	METHOD AND CIRCUIT ARRANGEMENT FOR IMPLEMENTING INTER-
Issued	United States	09/505,086	6386844	2/16/2000	5/14/2002	Miniature Liquid Transfer Pump And Method Of Manufacturing The Same
Issued	United States	09/507,270	6842492	2/18/2000	1/11/2005	Method And Apparatus For Peak-To-Average Signal Reduction For Radio Frequency
Issued	United States	09/510,807	6636569	2/23/2000	10/21/2003	Nyquist Band Frequency Translation
Issued	United States	09/510,808	6317325	2/23/2000	11/13/2001	Apparatus For Protecting Circuit Pack Assemblies From Thermal And Electromagnetic
Issued	United States	09/511,145	6789118	2/23/2000	9/7/2004	MULTI-SERVICE NETWORK SWITCH WITH POLICY BASED ROUTING
Issued	United States	09/511,256	6882641	2/23/2000	4/19/2005	Patch Antenna With Finite Ground Plane
Issued	United States	09/511,258	6798768	2/23/2000	9/28/2004	Method And Apparatus For Stabilizing Transient Control In Amplified Optical Networks
Issued	United States	09/511,265	7116679	2/23/2000	10/3/2006	MULTI-SERVICE NETWORK SWITCH WITH A GENERIC FORWARDING INTERFACE
Issued	United States	09/514,725	6661797	2/28/2000	12/9/2003	Quality Of Service Based Path Selection For Connection-Oriented Networks
Issued	United States	09/515,229	6346913	2/29/2000	2/12/2002	Patch Antenna With Impedance Transformer And Methods For Making Same
Issued	United States	09/515,906	6356386	2/29/2000	3/12/2002	Multimedia Call Routing In An IP Network
Issued	United States	09/515,950	6335703	2/29/2000	1/1/2002	Call Center Queue Administration
Issued	United States	09/515,998	6402393	2/29/2000	6/11/2002	Interconnection System For Optical Circuit Boards
Issued	United States	09/516,267	6862342	3/1/2000	3/1/2005	Intelligent-Networked System With Service For Notifying And Hearing Selected E-Mails
Issued	United States	09/518,922	6658047	3/6/2000	12/2/2003	ADAPTIVE CHANNEL EQUALIZER
Issued	United States	09/519,067	6570694	3/6/2000	5/27/2003	SYSTEM AND METHOD FOR LOW-JITTER ASYNCHRONOUS OPTICAL REGENERATION
Issued	United States	09/519,816	6591108	3/3/2000	7/8/2003	Apparatus And Method To Reduce The Reuse Factor For Adaptive-Dynamic Channel
Issued	United States	09/520,385	6678281	3/6/2000	1/13/2004	Hardware Configuration, Support Node And Method For Implementing General Packet
Issued	United States	09/520,677	6992984	3/7/2000	1/31/2006	Credit-Based Adaptive Flow Control For Multi-Stage Multi-Dimensional Switching
Issued	United States	09/520,828	6304380	3/6/2000	10/16/2001	Reducing Polarization Dependency Of Optical Apparatus
Issued	United States	09/521,693	7295554	3/9/2000	11/13/2007	Word Multiplexing Of Encoded Signals Into A Higher Bit Rate Serial Data Stream
Issued	United States	09/523,241	6714990	3/10/2000	3/30/2004	TIEDONSIIRTOJ€RJESTELM€ JA DATASOVITIN
Issued	United States	09/523,615	7009980	3/13/2000	3/7/2006	APPARATUS AND METHOD FOR AUTOMATIC PORT IDENTITY DISCOVERY IN
Issued	United States	09/524,065	6266795	3/13/2000	7/24/2001	Turbo Code Termination
Issued	United States	09/524,201	6661778	3/13/2000	12/9/2003	METHOD AND APPARATUS FOR STATISTICS COLLECTION IN A DATA COMMUNICATION
Issued	United States	09/524,337	6772339	3/13/2000	8/3/2004	Mix And Match: A New Approach To Secure Multiparty Computation
Issued	United States	09/524,600	6166547	3/14/2000	12/26/2000	Line Card Loss Of Battery Detector
Issued	United States	09/526,011	6718377	3/15/2000	4/6/2004	An Extensible Operational Support System Interface
Issued	United States	09/526,690	6731634	3/15/2000	5/4/2004	Lost Packet Replacement For Voice Applications Over Packet Network
Issued	United States	09/527,594	6795218	3/17/2000	9/21/2004	SYSTEM FOR REGULATING THE BIT RATE OR QUALITY OF A DIGITAL DATA

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Status	Country	App. No.	Patent No.	Date	Title
Issued	United States	09/528,572	6975619	12/13/2005	System and Method For Providing Host Geographic Location Information In A Packet
Issued	United States	09/528,762	7426179	9/16/2008	Method And Apparatus For Signaling Path Restoration Information In A Mesh Network
Issued	United States	09/528,973	6693976	2/17/2004	Method Of Wireless Communication Using Structured Unitary Space-Time Signal
Issued	United States	09/532,143	6252711	6/26/2001	Polarization Diversity For Birefringent Filters
Issued	United States	09/532,150	6399039	5/21/2002	Double-Pass Polarization Diversified Birefringent Filter
Issued	United States	09/533,232	6594627	7/15/2003	Methods And Apparatus For Lattice-Structured Multiple Description Vector
Issued	United States	09/533,396	6845352	1/18/2005	Framework For Flexible And Scalable Real-Time Traffic Emulation For Packet Switched
Issued	United States	09/535,785	6393173	5/21/2002	2 X 2 Integrated Optical Cross-Connect.
Issued	United States	09/537,330	6728671	4/27/2004	Automatic Speech Recognition Caller Input Rate Control
Issued	United States	09/537,501	6895225	5/17/2005	ANTENNA ADJUSTMENT
Issued	United States	09/537,791	6762997	7/13/2004	Method For Finding Shortest Network Routing Paths Subject To System Constraints
Issued	United States	09/539,362	6721896	4/13/2004	A SYSTEM AND METHOD FOR CONVERTING A SELECTED SIGNAL INTO A TIMING
Issued	United States	09/541,411	6826260	11/30/2004	METHOD AND APPARATUS FOR AN MLSC STATE MACHINE
Issued	United States	09/544,181	6678359	1/13/2004	Called Party Identification In Packet Switched Networks
Issued	United States	09/547,141	6834054	12/21/2004	Method of Supporting Shortcuts
Issued	United States	09/542,096	6366730	4/2/2002	Tunable Optical Waveguides
Issued	United States	09/542,622	6520348	2/18/2003	Multiple Inclined Wafer Holder For Improved Vapor Transport And Reflux For Sealed
Issued	United States	09/543,284	7257526	8/14/2007	DISCRETE EVENT PARALLEL SIMULATION
Issued	United States	09/550,867	6895004	5/17/2005	Internal Use Only Addresses
Issued	United States	09/551,041	6624833	9/23/2003	Gesture-Based Input Interface System With Shadow Detection
Issued	United States	09/551,493	6731615	5/4/2004	Systme de transmission TDMA multipoint ^ point utilisant une structure de burst
Issued	United States	09/552,773	6510265	1/21/2003	High-Speed Multi-Mode Fiber-Optic Link
Issued	United States	09/553,512	6388779	5/14/2002	Process For Holography Involving Tilt Compensation
Issued	United States	09/556,250	6760699	7/6/2004	Soft Feature Decoding In A Distributed Automatic Speech Recognition System For Use
Issued	United States	09/558,008	6850778	2/1/2005	A METHOD TO FORM AN IP BASED TELECOMMUNICATION GATEWAY
Issued	United States	09/558,425	6615201	9/2/2003	Computer Network Management
Issued	United States	09/559,499	7050993	5/23/2006	ADVANCED SERVICE REDIRECTOR FOR PERSONAL COMPUTER
Issued	United States	09/560,728	6351832	2/26/2002	Turbo Code Symbol Interleaver
Issued	United States	09/560,914	6332318	12/25/2001	Solidification Engine And Thermal Management System For Electronics
Issued	United States	09/562,885	6317042	11/13/2001	Automated Emergency Announcement System
Issued	United States	09/563,513	6628923	9/30/2003	Adaptive Phase And Amplitude Linearization Method and Appara tus
Issued	United States	09/563,602	6631172	10/7/2003	Efficient List Decoding Of Reed-Solomon Codes For Message Recovery In The Presence
Issued	United States	09/564,094	6667714	12/23/2003	Downtilt Control For Multiple Antenna Arrays
Issued	United States	09/565,388	6757547	6/29/2004	Methods And Devices For Improving The Performance Of Wireless Devices Using
Issued	United States	09/565,528	6741585	5/25/2004	Interworking Of Addressing In An Internetwork
Issued	United States	09/565,530	6882838	4/19/2005	Improved System And Method For Providing Dynamic Call Disposition Service To
Issued	United States	09/565,816	6584316	6/24/2003	Handoff Of Phone Calls Between Wireless And Wired Networks
Issued	United States	09/566,066	6891801	5/10/2005	Verfahren zum Betrieb eines Datenuebertragungssystems
Issued	United States	09/566,509	6559872	5/6/2003	1D SELECTION OF 2D OBJECTS IN HEAD-WORN DISPLAYS
Issued	United States	09/567,371	6604147	8/5/2003	Scalable IP Edge Router
Issued	United States	09/567,517	6359782	3/19/2002	Enhanced Thermal Dissipation Device For Circuit Boards And Method To Use The Same
Issued	United States	09/569,488	6819870	11/16/2004	ALL-OPTICAL NETWORKING OPTICAL FIBER LINE DELAY BUFFERING APPARATUS AND
Issued	United States	09/570,101	6310579	10/30/2001	METHOD AND APPARATUS FOR CALIBRATING ANTENNA APPARATUS AND TESTING AN
Issued	United States	09/570,617	6810120	10/26/2004	Method of Determining Answer Supervision At A Line Appearance Of A Public Switch
Issued	United States	09/571,138	6215814	4/10/2001	SPACE-TIME RECEIVER FOR WCDMA
Issued	United States	09/573,563	7139475	11/21/2006	Ring Type Fiber Optic Protection

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Status	Country	App. No.	Patent No.	Filed	Issued	Title
Issued	United States	09/577,186	6435735	5/23/2000	8/20/2002	Assembling Optical Components
Issued	United States	09/577,515	6980517	5/24/2000	12/27/2005	Method And Apparatus For Congestion Control For Packet-Based Networks Using Call
Issued	United States	09/578,071	6747953	5/24/2000	6/8/2004	Method And Apparatus For Congestion Control For Packet-Based Networks Using Call
Issued	United States	09/580,775	6539209	5/30/2000	3/25/2003	Code-Division, Multiple-Access Base Station Having Transmit Diversity
Issued	United States	09/584,325	6810211	5/30/2000	10/26/2004	A PREFERRED WDM PACKET-SWITCHED ROUTER ARCHITECTURE AND METHOD FOR
Issued	United States	09/584,588	6396575	5/31/2000	5/28/2002	Test And Measurement System For Detecting And Monitoring Faults And Losses In
Issued	United States	09/585,202	6865236	6/1/2000	3/8/2005	EFFICIENT REALIZATION OF BIORTHOGONAL SPHERICAL SPACE-TIME CODES
Issued	United States	09/587,345	6370129	6/1/2000	4/9/2002	High-Speed Data Services Using Multiple Transmit Antennas
Issued	United States	09/587,524	6862455	6/5/2000	3/1/2005	Signalling Radio Service Requirements
Issued	United States	09/587,576	6694100	6/5/2000	2/17/2004	Space Wavelength Time-Division Multiple Access Optical Transmission system
Issued	United States	09/587,892	7342873	6/6/2000	3/11/2008	Efficient Architectures For Protection Against Network Failures
Issued	United States	09/588,058	6358785	6/6/2000	3/19/2002	Method For Forming Shallow Trench Isolation Structures
Issued	United States	09/588,248	6704304	6/6/2000	3/9/2004	Selective Establishment Of Telecommunications Connections Over Packet And Circuit
Issued	United States	09/588,908	6614566	6/7/2000	9/2/2003	Process For Holography Involving Skip-Sorted Hologram Storage
Issued	United States	09/589,304	6778496	6/7/2000	8/17/2004	Distributed Call Admission And Load Balancing Method And Apparatus For Packet
Issued	United States	09/589,528	6493442	6/7/2000	12/10/2002	AIN Triggers To Invoke Non-AIN Features
Issued	United States	09/590,251	6993477	6/8/2000	1/31/2006	METHODS AND APPARATUS FOR ADAPTIVE SIGNAL PROCESSING INVOLVING A
Issued	United States	09/590,538	6512864	6/8/2000	1/28/2003	Optical Multiplexer/Demultiplexer Arrangement For WDM Signals Having In-Band And
Issued	United States	09/591,471	6876738	6/9/2000	4/5/2005	Apparatus, Method And System For Intelligent Tandeming Of Incoming Calls To
Issued	United States	09/591,472	6956939	6/9/2000	10/18/2005	Apparatus, Method And System For Message-Based Intelligent Tandeming Of
Issued	United States	09/592,338	6754238	6/13/2000	6/22/2004	Dispersion Managed Optical Transmission Line And Method For Making Same
Issued	United States	09/593,184	6907035	6/13/2000	6/14/2005	Master Controller For A Flexible Switching System
Issued	United States	09/594,139	6402590	6/14/2000	6/11/2002	Carrier Head With Controllable Struts For Improved Wafer Planarity
Issued	United States	09/595,347	6917600	6/15/2000	7/12/2005	Mobile Point-To-Point Protocol
Issued	United States	09/595,719	7080314	6/16/2000	7/18/2006	DOCUMENT DESCRIPTOR EXTRACTION METHOD
Issued	United States	09/595,782	6623185	6/16/2000	9/23/2003	Loss Of Signal Detector For Low-Level Optical Signals
Issued	United States	09/596,454	6532330	6/19/2000	3/11/2003	Dispersion Managed Optical Transmission Line And Method For Making Same
Issued	United States	09/596,817	6708040	6/19/2000	3/16/2004	Link-Level Support Of Wireless Data
Issued	United States	09/597,430	7535887	6/20/2000	5/19/2009	Packetizing Telecommunications Switch
Issued	United States	09/599,194	6980740	6/22/2000	12/27/2005	Apparatus For Detecting Raman Gain In An Optical Transmission System
Issued	United States	09/599,315	7072456	6/22/2000	7/4/2006	PROCEDURE FOR INTERPROCESS DATA TRANSFER
Issued	United States	09/604,152	6975594	6/27/2000	12/13/2005	System And Method For Providing Controlled Broadband Access Bandwidth
Issued	United States	09/604,733	6628266	6/28/2000	9/30/2003	JOYSTICK-ELASTO RESISTIVE
Issued	United States	09/606,957	6423202	6/30/2000	7/23/2002	Process For Making Gold Salt For Use In Electroplating Process
Issued	United States	09/607,499	6654612	6/30/2000	11/25/2003	Distributed Channel Assignment Method
Issued	United States	09/608,090	6542436	6/30/2000	4/1/2003	ACOUSTICAL PROXIMITY DETECTION FOR MOBILE TERMINALS AND OTHER DEVICES
Issued	United States	09/608,364	6501884	6/30/2000	12/31/2002	Article Comprising Means For Mode-Selection Launch Into A Multimode Optical Fiber,
Issued	United States	09/608,406	6973268	6/30/2000	12/6/2005	Bi-Directional Optical Transmission Using Dual Channel Bands
Issued	United States	09/610,631	6732168	7/5/2000	5/4/2004	Method And Apparatus For Use In Specifying And Insuring Policies For Management Of
Issued	United States	09/611,887	6587987	7/7/2000	7/1/2003	Method And Apparatus For Extracting Reliability Information From Partial Response
Issued	United States	09/614,018	6574595	7/11/2000	6/3/2003	Method And Apparatus For Recognition-Based Barge-In Detection In The Context Of
Issued	United States	09/614,434	6728214	7/12/2000	4/27/2004	Testing Of Network Routers Under Given Routing Protocols
Issued	United States	09/614,436	6850704	7/12/2000	2/1/2005	Low-Overhead Fault-Tolerance Techniques For Optical And Other Cross-Connect
Issued	United States	09/615,122	6624039	7/13/2000	9/23/2003	Alignment Mark Having A Protective Oxide Layer For Use With Shallow Trench
Issued	United States	09/615,945	7487083	7/13/2000	2/3/2009	Method And Apparatus For Discriminating Speech From Voice-Band Data In A
Issued	United States	09/616,120	6420194	7/14/2000	7/16/2002	Method For Extracting Process Determinant Conditions From A Plurality Of Process
Issued	United States	09/616,845	6566269	7/14/2000	5/20/2003	Removal Of Post-Etch Residuals On Wafer Surface

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Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	09/618,196	6839321	7/18/2000	1/4/2005	Domain-Based Congestion Management
Issued	United States	09/624,561	6788783	7/24/2000	9/7/2004	Digital Loop Carrier System With Enhanced Call Handling And Method
Issued	United States	09/625,201	7274747	7/21/2000	9/25/2007	A RADIO TELEPHONE
Issued	United States	09/625,202	7054658	7/21/2000	5/30/2006	PULSE SHAPING ACCORDING TO MODULATION SCHEME
Issued	United States	09/625,889	7155217	7/26/2000	12/26/2006	METHOD AND APPARATUS FOR MANAGING ADJUNCT ACCESS AND LEASED FACILITIES
Issued	United States	09/628,011	6701153	7/28/2000	3/2/2004	Methods And Systems For Determining The Location Of Mobiles In A UMTS
Issued	United States	09/629,404	6419499	8/1/2000	7/16/2002	APPARATUS FOR ELECTRICALLY INTERCONNECTING ELECTRONIC CIRCUIT SUBSTRATES
Issued	United States	09/629,757	6568219	7/31/2000	5/27/2003	A SRO + BAO + NB2O5 + Ceram-Glass Electro-Optical Device And Method Of Making
Issued	United States	09/633,668	6611831	8/7/2000	8/26/2003	Method For Worldwide Administration Of Advanced Number Portability Numbers
Issued	United States	09/635,800	7002991	8/11/2000	2/21/2006	Method and Apparatus For Provisioning Distribution Channels In A Communications
Issued	United States	09/636,115	7424636	8/10/2000	9/9/2008	Method and Apparatus For Managing Network Synchronization Information Among
Issued	United States	09/637,501	6728373	8/11/2000	4/27/2004	DIFFERENTIAL OUTPUT STAGE FOR ELECTRONIC EQUIPMENT PROVIDING A REMOTE
Issued	United States	09/644,166	6606434	8/23/2000	8/12/2003	Optical Fiber Interconnect Having Offset Ends With Reduced Tensile Stress And
Issued	United States	09/638,330	6560811	8/14/2000	5/13/2003	Compact Apparatus For Cleaning Optical Fiber Endfaces
Issued	United States	09/642,122	6687907	8/18/2000	2/3/2004	Prevention Of Broadband Cable Service Theft
Issued	United States	09/648,822	7171117	8/25/2000	1/30/2007	OPTICAL ROUTER
Issued	United States	09/650,850	6970511	8/29/2000	11/29/2005	INTERPOLATOR, A RESAMPLER EMPLOYING THE INTERPOLATOR AND METHOD OF
Issued	United States	09/642,559	6765890	8/22/2000	7/20/2004	RAU Optimisation For UMTS URA Connected State
Issued	United States	09/651,866	6359980	8/31/2000	3/19/2002	Method For Administering Advanced Number Portability Numbers
Issued	United States	09/652,116	6973146	8/31/2000	12/6/2005	Resampler For A Bit Pump And Method Of Resampling A Signal Associated Therewith
Issued	United States	09/643,459	6801579	8/21/2000	10/5/2004	Method Of Wireless Communication Using Unitary Space-Time Signal Constellations
Issued	United States	09/656,069	6807152	9/6/2000	10/19/2004	Enhanced Multiframe Processing For Tandem Connection Trails With Transmission Of
Issued	United States	09/655,250	6798748	9/5/2000	9/28/2004	Enhanced Multiframe Alignment For Tandem Connection Trials
Issued	United States	09/655,249	6519331	9/5/2000	2/11/2003	TELECOMMUNICATIONS SYSTEM, SERVICE CONTROL POINT AND METHOD FOR PRE-
Issued	United States	09/653,938	8041782	9/1/2000	10/18/2011	System of Automated Configuration of Network Subscribers for Broadband
Issued	United States	09/653,486	6512865	8/31/2000	1/28/2003	Cross-Traffic Suppression In Wavelength Division Multiplexed Systems
Issued	United States	09/652,506	6717953	8/31/2000	4/6/2004	Method of and facility for converting a sonet signal, to an SDH signal
Issued	United States	09/658,515	6822975	9/8/2000	11/23/2004	Circuitry For Mixed-Rate Optical Communication Networks
Issued	United States	09/658,516	6792005	9/8/2000	9/8/2004	Timing Circuitry For Muxing/Demuxing Of Optical Communication Signals
Issued	United States	09/658,731	7424299	9/11/2000	9/9/2008	SYSTEM AND METHOD FOR SLOT ALLOCATION WITH REDUCED NEED FOR
Issued	United States	09/659,606	6650906	9/11/2000	11/18/2003	Method of controlling power in a transmission link between a transmitter and reciver
Issued	United States	09/659,650	7330460	9/12/2000	2/12/2008	Method And Apparatus For Providing Efficient VoIP Gateway-To-Gateway
Issued	United States	09/660,093	8149684	9/12/2000	4/3/2012	Code Space Sharing Among Multiple Modes Of Operation
Issued	United States	09/661,741	6597069	9/14/2000	7/22/2003	Flip Chip Metallization
Issued	United States	09/662,423	6452799	9/15/2000	9/17/2002	Integrated Circuit Cooling System
Issued	United States	09/662,531	7554967	9/15/2000	6/30/2009	Transient Tunneling For Dynamic Home Addressing On Mobile Hosts
Issued	United States	09/662,995	6538885	9/15/2000	3/25/2003	Electronic Circuit Cooling With Impingement Plate
Issued	United States	09/663,355	6879573	9/15/2000	4/12/2005	Channel Sharing By Diverse Multiframes In A Wireless Communications Network
Issued	United States	09/663,575	6463141	9/12/2000	10/8/2002	Distribution of services in telecommunications network
Issued	United States	09/664,565	7006506	9/18/2000	2/28/2006	Automatic Detection And Configuration Of OSPF Virtual Links
Issued	United States	09/664,579	6577445	9/18/2000	6/10/2003	Composite Birefringent Crystal Unit And Filter
Issued	United States	09/664,646	6771688	9/19/2000	8/3/2004	Segmented Architecture For Multiple Sequence Detection And Identification In Fading
Issued	United States	09/667,709	7035784	9/22/2000	4/25/2006	Data-Driven Method Simulator And Simulation Process
Issued	United States	09/668,243	7031257	9/22/2000	4/18/2006	Radio Link Protocol (RLP)/Point-To-Point Protocol (PPP) Design That Passes Corrupted
Issued	United States	09/669,643	6611675	9/26/2000	8/26/2003	ANTENNA VERIFICATION METHOD FOR 3GPP CLOSED LOOP MODE 1 TRANSMITTER
Issued	United States	09/671,924	6792214	9/28/2000	9/14/2004	Dispersion Compensation In Optical Fiber Transmission Lines
Issued	United States	09/672,511	7412381	9/28/2000	8/12/2008	Method And Apparatus For Diversity Control In Multiple Description Voice

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Status	Country	Serial No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	09/672,512	7242964	9/28/2000	7/10/2007	Shaping Of An EM Field For Transmission To Multiple Terminals
Issued	United States	09/675,310	7006448	9/29/2000	2/28/2006	SYSTEM AND METHOD FOR MEASURING NETWORK ROUND TRIP TIME BY
Issued	United States	09/676,176	6445865	9/29/2000	9/3/2002	Optical Fiber Jumper Cable Bend Limiter And Housing Therefor
Issued	United States	09/677,061	6874052	3/29/2002	3/29/2005	Expansion Bridge Apparatus And Method For An I2C Bus
Issued	United States	09/679,476	6882624	10/4/2000	4/19/2005	CONGESTION CONTROL ALGORITHM IN ACCESS NODE OF IPOR IP/ATM NETWORKS
Issued	United States	09/680,708	6681365	10/6/2000	1/20/2004	Method And Apparatus For Providing Channel Error Protection For A Source Coded Bit
Issued	United States	09/686,024	6889040	10/11/2000	5/3/2005	Service Restriction Control For Mobile Communications
Issued	United States	09/687,326	6704030	10/13/2000	3/9/2004	Method And Apparatus For Provisioning Telecommunications Equipment
Issued	United States	09/689,552	6505050	10/12/2000	1/7/2003	Method And Apparatus For Suppressing Route Request Messages For Wireless
Issued	United States	09/690,153	6795393	10/16/2000	9/21/2004	METHOD AND APPARATUS FOR ERRORLESS PATH PROTECTION AND
Issued	United States	09/691,299	6590664	10/18/2000	7/8/2003	Interferometer With Optical Fiber Interconnected Dual Arm Sampler
Issued	United States	09/691,300	6525823	10/18/2000	2/25/2003	Optical System For Characterizing A Colloidal Suspension Using Interferometry
Issued	United States	09/697,281	6721735	10/26/2000	4/13/2004	Method And Apparatus For Synchronizing Databases In A Network Management
Issued	United States	09/699,746	6407917	10/30/2000	6/18/2002	Fluid Flow Management System
Issued	United States	09/699,773	7321557	10/30/2000	1/22/2008	Dynamic Latency Assignment Methodology For Bandwidth Optimization Of Packet
Issued	United States	09/700,951	6452258	11/6/2000	9/17/2002	Ultra-Thin Composite Surface Finish For Electronic Packaging
Issued	United States	09/707,042	7016434	11/6/2000	3/21/2006	DETECTION OF INTERFERING SIGNAL IN RADIO RECEIVER
Issued	United States	09/707,088	6928410	11/21/2000	8/9/2005	METHOD AND APPARATUS FOR MUSICAL MODIFICATION OF SPEECH SIGNAL
Issued	United States	09/702,539	6630925	10/31/2000	10/7/2003	DOUBLE-SIDED KEYBOARD HAVING TWO KEYMATS AND ONE ACTIVATION MAT
Issued	United States	09/703,073	6407533	10/31/2000	6/18/2002	BATTERY TEMPERATURE STABILIZATION SYSTEM AND METHOD
Issued	United States	09/704,086	6999503	11/1/2000	2/14/2006	PARTIAL RESPONSE MODULATION SCHEME TO ENHANCE THE BANDWIDTH AND
Issued	United States	09/708,801	6728338	11/8/2000	4/27/2004	Utilization Of Communication Channels Between A Central Office Switch And A Law
Issued	United States	09/708,103	6847826	11/3/2000	1/25/2005	Method And Apparatus For Watermarking Maps And Other Structured Data
Issued	United States	09/707,694	6813368	11/7/2000	11/2/2004	METHOD OF SYNCHRONISATION OF A BASE STATION NETWORK
Issued	United States	09/710,269	6782198	11/10/2000	8/24/2004	Switching Arrangement For Fault Recovery In Optical WDM Ring Networks
Issued	United States	09/710,551	7213068	11/9/2000	5/1/2007	Policy Management System
Issued	United States	09/713,129	6956870	11/15/2000	10/18/2005	Data Packet Length Indication For Mobile Telecommunications Systems
Issued	United States	09/713,524	7889874	11/15/2000	2/15/2011	NOISE SUPPRESSOR
Issued	United States	09/711,563	6813604	11/13/2000	11/2/2004	Methods And Apparatus For Speaker Specific Durational Adaptation
Issued	United States	09/716,105	7006464	11/17/2000	2/28/2006	Downlink And Uplink Channel Structures For Downlink Shared Channel System
Issued	United States	09/716,272	6999920	11/21/2000	2/14/2006	Exponentielle Echo- und GerŠuschabsenkung in Sprachpausen
Issued	United States	09/717,513	7065655	11/21/2000	6/20/2006	SECURE ENCLOSURE FOR KEY EXCHANGE
Issued	United States	09/722,576	7343586	11/28/2000	3/11/2008	Technology To Create/Edit/Run An Executable File On A Host Via A Web Browser
Issued	United States	09/726,038	6690889	11/30/2000	2/10/2004	DEVICE FOR COMPENSATING POLARIZATION DISPERSION IN AN OPTICAL
Issued	United States	09/726,182	6283766	11/29/2000	9/4/2001	Magnetic Clamp Device
Issued	United States	09/727,565	6473224	12/1/2000	10/29/2002	CONFIGURABLE SAFETY SHUTDOWN FOR AN OPTICAL AMPLIFIER USING NON-
Issued	United States	09/729,900	6954487	12/5/2000	10/11/2005	TIME DIVISION MULTIPLEXED RAKE FINGER FOR W-CDMA
Issued	United States	09/731,708	6799216	12/8/2000	9/28/2004	System uses domain managers to communicate service parameters to domain
Issued	United States	09/732,748	6901054	12/11/2000	5/31/2005	METHOD FOR CHECKING THE TRANSFER OF DATA CELLS IN AN ASYNCHRONOUS
Issued	United States	09/732,961	7257153	12/8/2000	8/14/2007	METHOD OF SYNCHRONIZING A RECEIVER, AND A RECEIVER
Issued	United States	09/733,182	6529676	12/8/2000	3/4/2003	Waveguide Incorporating Tunable Scattering Material
Issued	United States	09/734,057	7054871	12/11/2000	5/30/2006	Method For Identifying And Using Table Structures
Issued	United States	09/734,148	6857075	12/11/2000	2/15/2005	Key Conversion System And Method
Issued	United States	09/734,885	7245652	12/13/2000	7/17/2007	RAKE COMBINER
Issued	United States	09/736,158	7031298	12/15/2000	4/18/2006	METHOD OF TRANSMITTING SIGNALING DATA
Issued	United States	09/737,370	7054372	12/15/2000	5/30/2006	Digital Transmission Line Tap Circuit
Issued	United States	09/737,471	7508765	12/18/2000	3/24/2009	NETWORK STATUS REPORTING METHOD AND A COMMUNICATIONS NETWORK.

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Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	09/738,223	6567579	12/15/2000	5/20/2003	MULTI-CHANNEL, MULTI-MODE REDUNDANT OPTICAL LOCAL LOOP HAVING A BUS
Issued	United States	09/738,344	6813252	12/15/2000	11/2/2004	Method And System For Interleaving Of Full Rate Channels Suitable For Half Duplex
Issued	United States	09/739,231	6646841	12/19/2000	11/11/2003	ESD-PROTECTION OF BALANCED RF-CIRCUIT
Issued	United States	09/740,362	6701156	12/20/2000	3/2/2004	System And Method For Managing Response To A Need At A Site
Issued	United States	09/741,179	7297479	12/21/2000	11/20/2007	DNA-Based Analog Neural Networks
Issued	United States	09/741,637	7006841	12/20/2000	2/28/2006	Method To Control Base Station Transmit Power Drift During Soft Handoffs
Issued	United States	09/750,058	6999526	12/29/2000	2/14/2006	Method for simple signal, tone and phase change detection
Issued	United States	09/753,535	6430267	1/2/2001	8/6/2002	SALAINEN HÄLYTYSSOITTO
Issued	United States	09/753,800	6456088	1/3/2001	9/24/2002	1ST LEVEL POWER FAULT TESTING APPARATUS FOR TESTING TELECOMMUNICATIONS
Issued	United States	09/753,885	6519321	1/3/2001	2/11/2003	2ND LEVEL POWER FAULT TESTING APPARATUS FOR TESTING TELECOMMUNICATIONS
Issued	United States	09/758,958	7050493	1/11/2001	5/23/2006	Broadband Optical Switching Arrangements With Very Low Crosstalk
Issued	United States	09/760,582	6704291	1/16/2001	3/9/2004	Network Auto-Provisioning And Distributed Restoration
Issued	United States	09/765,417	6504094	1/22/2001	1/7/2003	Process, exchange, charge computer, charge billing computer and program modules
Issued	United States	09/766,079	6819683	1/19/2001	11/16/2004	Wireless Communications Device Having A Compact Antenna Cluster
Issued	United States	09/770,135	7103635	1/26/2001	9/5/2006	Bandwidth-Efficient Modulation In Communication Systems
Issued	United States	09/772,359	7230910	1/30/2001	6/12/2007	Radio Resource Allocation Methods And Apparatus
Issued	United States	09/773,176	6907091	1/31/2001	6/14/2005	MOUNTING APPARATUS FOR EQUIPMENT ENCLOSURES HAVING CABLE BEND RADIUS
Issued	United States	09/774,975	6591024	1/31/2001	7/8/2003	Communications System And Associated Deskewing And Word Framing Methods
Issued	United States	09/776,322	6975620	2/2/2001	12/13/2005	Really Simple Mail Transport Protocol
Issued	United States	09/778,764	7352695	2/8/2001	4/1/2008	Optimal Channel Sounding System
Issued	United States	09/779,392	6362874	2/8/2001	3/26/2002	Polarization Mode Dispersion Measurement Using Phase-Sensitive Sideband Detection
Issued	United States	09/780,392	6889039	2/12/2001	5/3/2005	Segmented Architecture For Multiple Sequence Detection And Identification With
Issued	United States	09/781,851	7035248	2/12/2001	4/25/2006	MEMORY MANAGEMENT TERMINAL AND METHOD FOR HANDLING
Issued	United States	09/781,862	6778781	2/12/2001	8/17/2004	Health Check Algorithm For Protection Circuit In Optical Network
Issued	United States	09/781,864	6868232	2/12/2001	3/15/2005	Fast Protection Switching By Snooping On Upstream Signals In An Optical Network
Issued	United States	09/782,032	6771619	2/14/2001	8/3/2004	AUTOMATIC DETECTION AND MODIFICATION OF CHANNEL USAGE IN TDMA WIRELESS
Issued	United States	09/782,359	7050814	2/14/2001	5/23/2006	Mobile Radio Telecommunication System With Improved Uplink Resource Allocation
Issued	United States	09/788,715	7430237	2/20/2001	9/30/2008	Decoderless Bit-Error-Rate Estimation For Convolutionally Encoded Transmissions In
Issued	United States	09/788,900	6898257	2/20/2001	5/24/2005	Transmitter Device Having A Modulation Closed Loop
Issued	United States	09/788,959	7072408	2/20/2001	7/4/2006	Method And System For Using Power Lines For Signaling, Telephony And Data
Issued	United States	09/789,397	7439096	2/21/2001	10/21/2008	Semiconductor Device Encapsulation
Issued	United States	09/789,743	6587347	2/22/2001	7/1/2003	Chassis Support And Cable Protection System
Issued	United States	09/790,820	7436815	2/22/2001	10/14/2008	Switching System And Method Having Low, Deterministic Latency
Issued	United States	09/790,836	6581121	2/22/2001	6/17/2003	Maintenance Link System And Method
Issued	United States	09/790,837	6540312	2/22/2001	4/1/2003	Cable Guide System
Issued	United States	09/793,120	6735301	2/27/2001	5/11/2004	METHOD AND DEVICE FOR DISTRIBUTING ELECTRIC POWER IN TELECOMMUNICATION
Issued	United States	09/793,189	6898209	3/1/2001	5/24/2005	METHOD AND APPARATUS FOR ASSEMBLING FRAMES.
Issued	United States	09/795,192	6912226	3/1/2001	6/28/2005	METHOD TO GENERATE AN ACCEPTANCE DECISION IN A TELECOMMUNICATION SYSTEM
Issued	United States	09/797,118	6792608	3/1/2001	9/14/2004	NETWORK NAVIGATOR INTERFACE SYSTEM AND METHOD
Issued	United States	09/798,371	6374339	3/2/2001	4/16/2002	METHOD FOR IMPLEMENTING A QUEUE IN A MEMORY, AND MEMORY ARRA
Issued	United States	09/798,707	6517737	3/2/2001	2/11/2003	Ceramic Piezoelectric And Devices Using The Piezoelectric
Issued	United States	09/800,684	7099333	3/7/2001	8/29/2006	Automatic Protocol Version Detection And Call Processing Reconfiguration In A
Issued	United States	09/801,693	6954523	3/9/2001	10/11/2005	METHOD FOR PROVIDING A SERVICE IN A TELECOMMUNICATION NETWORK AND A

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Issued	United States	09/803,301	6898214	3/9/2001	5/24/2005	Technique For Monitoring SONET Signal
Issued	United States	09/805,081	6445360	3/13/2001	9/3/2002	Antenna Structure For Fixed Wireless System
Issued	United States	09/805,094	6788940	3/13/2001	9/7/2004	Cellular Mobile Telephone Network And Method Of Operating The Same
Issued	United States	09/807,825	6760417	8/30/2001	7/6/2004	A METHOD FOR IN BASED PREPAYMENT IN GPRS
Issued	United States	09/808,376	7065159	3/14/2001	6/20/2006	COMPENSATION BASED BIT-ERROR-RATE ESTIMATION FOR CONVOLUTIONALLY
Issued	United States	09/808,934	7035391	3/15/2001	4/25/2006	Communication Of Intelligent Network Signaling Between A SSP And An External
Issued	United States	09/809,123	6708127	3/15/2001	3/15/2004	Beam Propagation Method For Step-Index Waveguides
Issued	United States	09/809,260	6847655	3/16/2001	1/25/2005	METODO ED APPARATO PER TRASMETTERE/RICEVERE SEGNALI DIGITALI DI LIVELLO
Issued	United States	09/809,953	6970839	3/16/2001	11/29/2005	Method, Apparatus, And Article Of Manufacture For Generating Secure
Issued	United States	09/810,251	7050722	3/19/2001	5/23/2006	REGENERATEUR OPTIQUE SYNCHRONE PAR MODULATION D'INTENSITE ET
Issued	United States	09/810,694	6801791	3/14/2001	10/5/2004	Cellular Communications System And Related Methods
Issued	United States	09/811,004	6471413	3/16/2001	10/29/2002	Method and Apparatus for Efficient Reactive Monitoring
Issued	United States	09/813,415	8402129	3/21/2001	3/19/2013	Method And Apparatus For Protecting Fiber Optic Connectors
Issued	United States	09/817,886	6954439	3/26/2001	10/11/2005	SYNCHRONIZATION OF TERMINALS IN A RADIO LINK SYSTEM
Issued	United States	09/817,855	6442260	3/26/2001	8/27/2002	MENETELMÄ MAKSUNOSOITUSTIEDON GENEROIMISESTA PÄÄTELAITTEELLE
Issued	United States	09/820,146	7436900	3/28/2001	10/14/2008	Intermodulation Distortion Identification And Quantization Circuit For A Linear
Issued	United States	09/824,076	6701291	4/2/2001	3/2/2004	Automatic Speech Recognition With Psychoacoustically-Based Feature Extraction,
Issued	United States	09/824,960	7650424	4/3/2001	1/19/2010	Supporting Mobile Hosts On An Internet Protocol Network
Issued	United States	09/825,691	6801721	4/4/2001	10/5/2004	Polarization Mode Dispersion Compensator For Optical Fiber Communication Systems
Issued	United States	09/827,847	7006490	4/6/2001	2/28/2006	Method And Apparatus For Providing Efficient Circuit Switch-To-Switch
Issued	United States	09/828,763	6907568	4/9/2001	6/14/2005	TANGIBLE ICON REPRESENTING NETWORK OBJECTS
Issued	United States	09/828,927	7420966	4/10/2001	9/2/2008	CONNECTION CONTROL MODULE.
Issued	United States	09/828,985	6813347	4/10/2001	11/2/2004	Selective Call Waiting
Issued	United States	09/831,421	6868520	8/24/2001	3/15/2005	METHOD AND APPARATUS FOR PROVIDING HIGH QUALITY TRANSMISSIONS IN A
Issued	United States	09/835,427	6760425	4/16/2001	7/6/2004	Interworking between services in telecommunications network
Issued	United States	09/836,342	6795693	4/18/2001	9/21/2004	A Method for Controlling the Transmitter Part of a Radio Transceiver and a
Issued	United States	09/838,019	6371769	4/19/2001	4/16/2002	Magnetic Clamp Adaptor
Issued	United States	09/839,127	6771689	4/23/2001	8/3/2004	Transmit Diversity and Reception Equalization for Radio Links
Issued	United States	09/841,832	6512876	4/25/2001	1/28/2003	Fiber Splice Tray
Issued	United States	09/842,899	7392035	4/27/2001	6/24/2008	Consolidated Billing In A Wireless Network
Issued	United States	09/845,139	6810243	4/30/2001	10/26/2004	Surrogate Service Attendant
Issued	United States	09/845,488	6920326	4/30/2001	7/19/2005	Method And Apparatus For Restricting Call Terminations When A Mobile Unit Is
Issued	United States	09/846,972	6839555	4/30/2001	1/4/2005	Method And Apparatus For Supporting Voice Message Services With Automatic
Issued	United States	09/847,140	6806815	5/2/2001	10/19/2004	KEYPAD DESIGN FOR LOW POWER KEY ILLUMINATION
Issued	United States	09/848,134	6617566	5/3/2001	9/9/2003	Apparatus And Method For Optical Pattern Detection
Issued	United States	09/848,135	6498681	5/3/2001	12/24/2002	Apparatus And Method For Temperature-Compensating Diffraction-Based Optical
Issued	United States	09/848,897	6782363	5/4/2001	8/24/2004	Method And Apparatus For Performing Real-Time Endpoint Detection In Automatic
Issued	United States	09/849,050	6386714	5/4/2001	5/14/2002	Controlling Mirror Shape For Generating Interference Pattern And The Like
Issued	United States	09/850,124	7054346	5/7/2001	5/30/2006	Enhanced Frequency Hopping In A Wireless System
Issued	United States	09/851,239	6433733	5/8/2001	8/13/2002	PSEUDO DGPS METHOD FOR RELATIVE POSITIONING
Issued	United States	09/851,898	7072824	5/9/2001	7/4/2006	Method And Apparatus For Emulating A Processor
Issued	United States	09/853,075	6658263	12/21/1999	12/2/2003	Wireless System Combining Arrangement And Method Thereof
Issued	United States	09/856,367	6865265	5/22/2001	3/8/2005	Call control in intelligent network
Issued	United States	09/857,488	6959048	6/6/2001	10/25/2005	OPTIMISING LINK QUALITY BY SPACE AND TIME INTERLEAVING
Issued	United States	09/859,591	6462951	5/18/2001	10/8/2002	Securing heat sinks to electronic components.
Issued	United States	09/861,138	7406518	5/18/2001	7/29/2008	Method And System For Connecting Virtual Circuits Across An Ethernet Switch
Issued	United States	09/861,740	6920598	5/21/2001	7/19/2005	System And Method For Error Recovery Using NAKS

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Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	09/861,840	6751377	5/21/2001	6/15/2004	Micromechanically Active Reconfigurable Optical Add-Drop Filters
Issued	United States	09/862,051	6768903	5/21/2001	7/27/2004	METHOD FOR CONTROLLING A CHANNEL HANDOVER IN A CELLULAR
Issued	United States	09/862,140	7039685	5/21/2001	5/2/2006	Method And Apparatus For Conducting Subscriber's Phone Testing Remotely Via The
Issued	United States	09/864,534	6865396	5/24/2001	3/8/2005	POWER CONTROL METHOD FOR LINEAR MODULATION
Issued	United States	09/865,065	6920149	5/24/2001	7/19/2005	Digital Data Transmission System
Issued	United States	09/866,577	7193988	5/29/2001	3/20/2007	Inband signalling for transmission resource allocation
Issued	United States	09/867,935	6950937	5/30/2001	9/27/2005	SECURE DISTRIBUTED COMPUTATION IN CRYPTOGRAPHIC APPLICATIONS
Issued	United States	09/871,093	6487357	5/31/2001	11/26/2002	Strain Relief Device With Bend Limiter And Slack Storage
Issued	United States	09/871,266	6850604	5/31/2001	2/1/2005	Method And System For Sending A Data Message To A Calling Phone While
Issued	United States	09/871,816	7212533	6/4/2001	5/1/2007	A METHOD OF MANAGING A TELECOMMUNICATION NETWORK AND A NETWORK
Issued	United States	09/873,696	6819481	6/4/2001	11/16/2004	Bidirectional Wave Division Multiplex Systems
Issued	United States	09/873,706	7499499	6/4/2001	3/3/2009	Method For Multiple Antenna Transmission
Issued	United States	09/873,828	6886113	6/4/2001	4/26/2005	System And Method For Determining And Presenting Network Problems
Issued	United States	09/874,823	6850765	6/5/2001	2/1/2005	Bi-Stable Microswitch Including Magnetic Latch
Issued	United States	09/877,900	6922108	6/8/2001	7/26/2005	NOVEL FREQUENCY HOPPING TRANSMITTER ARCHITECTURE WITHOUT PING-PONG
Issued	United States	09/879,476	6541988	6/12/2001	4/1/2003	Active Balun Circuit For Single-Ended To Differential RF Signal Conversion With
Issued	United States	09/879,759	6680212	6/12/2001	1/20/2004	Circuit Board Test Fixture With Electrostatic Discharge (ESD) Protection
Issued	United States	09/879,831	7236537	6/13/2001	6/26/2007	Method Of Testing And Constructing Monolithic Multi-Chip Modules
Issued	United States	09/879,937	6882627	6/14/2001	4/19/2005	METHOD AND RADIO SYSTEM FOR DIGITAL SIGNAL TRANSMISSION
Issued	United States	09/883,220	6794964	6/19/2001	9/21/2004	Methods and Apparatus for Selecting Multiple Paths Taking Into Account Shared Risk
Issued	United States	09/884,511	6567601	6/19/2001	5/20/2003	Bi-Stable Microswitch Including Magnetic Latch
Issued	United States	09/885,168	6603386	6/21/2001	8/5/2003	Fiber-Optic Cable Routing And Management System And Components
Issued	United States	09/887,826	6542232	6/22/2001	4/1/2003	Bi-Stable Microswitch Including Shape Memory Alloy Latch
Issued	United States	09/888,879	6458676	6/25/2001	10/1/2002	A Method Of Varying The Resistance Along A Conductive Layer
Issued	United States	09/891,380	8375411	6/27/2001	2/12/2013	CROSS-DEVICE SHARING OF REMINDERS
Issued	United States	09/892,180	6823144	6/26/2001	11/23/2004	Optical Transmission System
Issued	United States	09/892,265	6882853	6/27/2001	4/19/2005	A HIERARCHIAL SUBDIVISION SYSTEM FOR STORING, DISPLAYING AND SEARCHING
Issued	United States	09/892,971	6535155	6/27/2001	3/18/2003	METHOD AND APPARATUS FOR SUPPRESSING TONES INDUCED BY CYCLIC DYNAMIC
Issued	United States	09/893,420	6634816	6/29/2001	10/21/2003	3 WAY SCROLL KEY (THIN)
Issued	United States	09/894,797	7088712	6/28/2001	8/8/2006	Call Data And Hardware Cache For A Dial-Up Access Concentrator
Issued	United States	09/895,724	6738476	6/29/2001	5/18/2004	METHOD AND SYSTEM FOR ENHANCED COLOR TRANSMISSION
Issued	United States	09/895,729	6483051	6/29/2001	11/19/2002	QWERTY KEYBOARD
Issued	United States	09/896,647	6904034	6/29/2001	6/7/2005	A LOAD SHARING TECHNIQUE FOR MIXED MODE OPERATION AT THE GB/IP INTERFACE
Issued	United States	09/896,777	6542665	6/29/2001	4/1/2003	Grin Fiber Lenses
Issued	United States	09/899,151	6829438	7/6/2001	12/7/2004	Add/Drop Multiplexing in WDM Optical Networks
Issued	United States	09/909,039	7647062	7/19/2001	1/12/2010	CONTROL OF TRANSMISSION POWER IN A RADIO SYSTEM
Issued	United States	09/910,037	6985578	7/23/2001	1/10/2006	LOW VOLTAGE BROADBAND LINE DRIVER
Issued	United States	09/914,523	7400828	8/29/2001	7/15/2008	Fault Protection In Networks
Issued	United States	09/917,669	6785737	7/31/2001	8/31/2004	Network Resource Allocation Methods and Systems
Issued	United States	09/919,023	6987743	7/31/2001	1/17/2006	Method Of Supporting Seamless Hand-Off In A Mobile Telecommunications Network
Issued	United States	09/920,362	7221662	8/1/2001	5/22/2007	TONE DETECTION ELIMINATION
Issued	United States	09/921,109	7039056	8/2/2001	5/2/2006	High Quality Audio And Video Over Digital Subscriber Lines (DSLs)
Issued	United States	09/924,582	7116714	8/9/2001	10/3/2006	VIDEO CODING
Issued	United States	09/925,331	7324446	8/10/2001	1/29/2008	COMMUNICATION METHOD, RELATED BUFFERING ELEMENT AND LINE TERMINATION
Issued	United States	09/928,186	6442032	8/10/2001	8/27/2002	ETHERNET SWITCH MODULE AND SYSTEM
Issued	United States	09/928,929	6985137	8/13/2001	1/10/2006	METHOD FOR PREVENTING UNINTENDED TOUCH PAD INPUT DUE TO ACCIDENTAL
Issued	United States	09/928,967	6927384	8/13/2001	8/9/2005	METHOD AND DEVICE FOR DETECTING TOUCH PAD INPUT

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Status	Country	App No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	09/933,062	6970480	8/20/2001	11/29/2005	Protection Switching For Duplex Atm-Pon Systems
Issued	United States	09/934,851	7035209	8/23/2001	4/25/2006	Control Communications in Communications Networks
Issued	United States	09/936,101	7076262	9/7/2001	7/11/2006	MESSAGE ACCESS For RADIO TELECOMMUNICATIONS SYSTEM
Issued	United States	09/936,102	6992998	9/7/2001	1/31/2006	Improved Message Access For Radio Telecommunications System
Issued	United States	09/937,047	6985732	1/8/2002	1/10/2006	HANDOVER IN A MOBILE COMMUNICATION SYSTEM USING CONFERENCE FACILITY
Issued	United States	09/937,367	7200157	9/21/2001	4/3/2007	Detection And Compensation Of Ingressing Frame Offset Discontinuities for Tandem
Issued	United States	09/943,514	6597319	8/31/2001	7/22/2003	INTERNAL ANTENNA
Issued	United States	09/943,736	6584318	9/4/2001	6/24/2003	Dynamic Handover margin
Issued	United States	09/946,195	8676956	9/5/2001	3/18/2014	Method And System For Monitoring Network Resources Utilization
Issued	United States	09/953,288	7206278	9/17/2001	4/17/2007	Method and system for increasing the total amount of useful
Issued	United States	09/954,602	7401022	9/17/2001	7/15/2008	CORRUPTED SPEECH RECOGNITION IN TETRA
Issued	United States	09/958,588	7184771	10/9/2001	2/27/2007	METHOD AND SYSTEM FOR SUPPLYING SERVICES TO MOBILE STATIONS IN ACTIVE
Issued	United States	09/959,749	7477891	12/14/2001	1/13/2009	PROCEDE DE PROTECTION RADIOELECTRIQUE
Issued	United States	09/961,773	6956857	9/24/2001	10/18/2005	Guaranteed Admission And Incremental Bandwidth Allocation In a Packet Network
Issued	United States	09/965,043	6610411	9/27/2001	8/26/2003	Silicone Gel Tape For Coax Connector Connection
Issued	United States	09/966,588	6963560	9/28/2001	11/8/2005	METHOD AND SYSTEM FOR FRAME AND POINTER ALIGNMENT OF SONET DATA
Issued	United States	09/966,868	6907261	9/28/2001	6/14/2005	POWER ALLOCATION FOR MIXED-QoS CDMA SYSTEMS USING PREDICTIVECHANNEL
Issued	United States	09/967,343	6655286	9/29/2001	12/2/2003	Method For Preventing Distortions In A Flexibly Transferred Feature Pattern
Issued	United States	09/969,785	6977943	10/4/2001	12/20/2005	Method and System for Traffic Management in Packet Networks Using Random Early
Issued	United States	09/974,828	6438356	10/12/2001	8/20/2002	ADAPTIVE DESENSITIZATION FOR MICROCELL WCDMA BASE STATION RECEIVER
Issued	United States	09/975,491	7280515	10/10/2001	10/9/2007	METHOD AND ARRANGEMENT FOR IMPLEMENTING FAST SIGNALLING IN A N
Issued	United States	09/975,499	6813356	10/10/2001	11/2/2004	KÉYTTÉLÉN SALASANAN PÉIVITTÉMINEN SALAUSAVAIMEN MUUTTUMISENJÉLKEEN
Issued	United States	09/977,643	7170887	10/16/2001	1/30/2007	METHODS AND APPARATUS FOR PROVIDING VOICE COMMUNICATIONS THROUGH A
Issued	United States	09/979,812	6788675	11/14/2001	9/7/2004	Method And Apparatus For Telecommunications Using Internet Protocol
Issued	United States	09/985,307	6910191	11/2/2001	6/21/2005	PROGRAM GUIDE DATA SELECTION DEVICE
Issued	United States	09/985,696	6981022	11/2/2001	12/27/2005	Using PSTN To Convey Participants IP Addresses For Multimedia Conferencing
Issued	United States	09/987,198	6798773	11/13/2001	9/28/2004	PHYSICALLY SCOPED MULTICAST IN MULTI-ACCESS NETWORKS
Issued	United States	09/990,366	7031606	11/23/2001	4/18/2006	Method and System for Monitoring Performance of Optical Network
Issued	United States	09/990,468	7006485	11/21/2001	2/28/2006	Methodology Of Reducing Areas With Multiple Dominant Pilots By Installing
Issued	United States	09/997,058	6411750	11/29/2001	6/25/2002	Distortion Analyzer
Issued	United States	09/998,504	7787458	11/30/2001	8/31/2010	METHOD AND APPARATUS FOR COMMUNICATING DATA PACKETS ACCORDING TO
Issued	United States	09/998,849	7269449	10/24/2001	9/11/2007	USER EXCHANGEABLE MOBILE PHONE KEYPAD
Issued	United States	10/000,645	7376625	11/15/2001	5/20/2008	SYSTEM AND METHOD FOR ACTIVATING INDIVIDUALIZED SOFTWARE MODULES IN A
Issued	United States	10/002,746	7477876	11/2/2001	1/13/2009	Variable Rate Channel Quality Feedback In A Wireless Communication System
Issued	United States	10/003,883	7039011	10/31/2001	5/2/2006	METHOD AND APPARATUS FOR FLOW CONTROL IN A PACKET SWITCH
Issued	United States	10/004,441	6981200	12/5/2001	12/27/2005	Interconnect System with Error Correction
Issued	United States	10/006,175	6760502	12/4/2001	7/6/2004	Power Monitoring Arrangement For Optical Cross-Connect Systems
Issued	United States	10/007,088	6624769	12/6/2001	9/23/2003	METHOD FOR COMPRESSION OF ANIMATED VECTOR GRAPHICS
Issued	United States	10/012,048	7333450	12/11/2001	2/19/2008	DOWNLINK POWER CONTROL IN WCDMA
Issued	United States	10/012,428	7426573	12/12/2001	9/16/2008	SYSTEM AND METHOD FOR PROVIDING SERVICE AVAILABILITY DATA FOR A
Issued	United States	10/012,524	6577204	12/12/2001	6/10/2003	RF-VCXO CIRCUIT TOPOLOGY
Issued	United States	10/014,217	7342888	10/22/2001	3/11/2008	USE OF MULTICAST SCOPE FOR RESOURCE DISCOVERY
Issued	United States	10/016,904	6671079	12/14/2001	12/30/2003	Method And Apparatus For Transmitting A Modulated Optical Signal
Issued	United States	10/018,161	7072692	5/21/2002	7/4/2006	BEAM HOPPING METHOD FOR DOWNLINK TRANSMISSION
Issued	United States	10/018,171	6763237	4/23/2002	7/13/2004	A method for load balancing of power amplifiers in CDMA basestations exploiting Time
Issued	United States	10/019,702	7286500	12/27/2001	10/23/2007	Code Division Multiple Access System Having Improved Pilot Channels
Issued	United States	10/019,705	8396482	5/13/2002	3/12/2013	CELLULAR NETWORK BASED TERMINAL LOCATION CALCULATION IN NON-LINE-OF-

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Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	10/020,897	7062236	12/19/2001	6/13/2006	OUTPUT ENVELOPE CONTROL THROUGH AMPLIFIER BIAS CONTROL
Issued	United States	10/023,758	7000029	12/21/2001	2/14/2006	Method and System for Automatic Address Allocation in a Network and Network
Issued	United States	10/025,868	6915463	12/26/2001	7/5/2005	System and Method for Performing Pre-emptive Protection Switching
Issued	United States	10/026,655	6529071	12/27/2001	3/4/2003	xDSL FEEDBACK CLASS C-AB DRIVER.
Issued	United States	10/026,690	7961607	12/27/2001	6/14/2011	MARKER DEVICE AND RELATED METHOD.
Issued	United States	10/027,200	6964047	12/27/2001	11/8/2005	Method And Apparatus For A Fast Process Monitor Suitable For A High Availability
Issued	United States	10/027,302	7640350	12/20/2001	12/29/2009	TRANSFERRING OBJECTS WITHIN AN ONGOING FILE TRANSFER OPERATION
Issued	United States	10/027,303	7043548	12/20/2001	5/9/2006	DOWNLOAD STATUS INDICATORS IN WIRELESS SHORT RANGE DEVICES
Issued	United States	10/027,501	7082316	12/20/2001	7/25/2006	GROUP CREATION FOR WIRELESS COMMUNICATION TERMINAL
Issued	United States	10/028,286	6956854	12/20/2001	10/18/2005	NETWORK SWITCHING DEVICE WITH FORWARDING DATABASE TABLES POPULATED
Issued	United States	10/029,124	7092360	12/19/2001	8/15/2006	Monitor, System and Method for Monitoring Performance of a Scheduler
Issued	United States	10/029,576	7515546	11/4/2003	4/7/2009	Method And Apparatus For Automatic Discovery Of Network Devices With Data
Issued	United States	10/032,798	6643071	12/21/2001	11/4/2003	Graded-Index Lens Microscopes
Issued	United States	10/034,450	6711308	12/26/2001	3/23/2004	Electro-Optical Modulators
Issued	United States	10/035,017	6772179	12/28/2001	8/3/2004	System And Method For Improving Index Performance Through Prefetching
Issued	United States	10/042,647	6898416	1/8/2002	5/24/2005	DEVICE MEASURING THE USAGE OF INTERWORKING HARDWARE IN MSC AND USAGE
Issued	United States	10/044,765	6869007	1/9/2002	3/22/2005	Oxidation-Resistant Reactive Solders And Brazes
Issued	United States	10/045,323	6737933	1/15/2002	5/18/2004	CIRCUIT TOPOLOGY FOR ATTENUATOR AND SWITCH CIRCUITS
Issued	United States	10/046,836	6808614	1/15/2002	10/26/2004	Electroplating Solution For High Speed Plating Of Tin-Copper Solder
Issued	United States	10/047,017	6726827	1/17/2002	4/27/2004	Electroplating Solution for High Speed Plating of Tin-Bismuth Solder
Issued	United States	10/050,013	6769150	1/17/2002	8/3/2004	METHOD AND DEVICE FOR CLEANING OPTICAL CONNECTORS
Issued	United States	10/050,014	6867776	1/18/2002	3/15/2005	STANDARD FOR PERLIN NOISE
Issued	United States	10/053,469	7424027	1/18/2002	9/9/2008	Head Of Line Blockage Avoidance System And Method Of Operation Thereof
Issued	United States	10/053,531	6760015	1/18/2002	7/6/2004	DOUBLE-SIDED KEYBOARD FOR USE IN AN ELECTRONIC DEVICE
Issued	United States	10/069,612	7203650	11/7/2001	4/10/2007	Telecommunication system, and speech recognizer, and terminal, and method
Issued	United States	10/069,687	6977961	2/14/2002	12/20/2005	Method And Apparatus For Macroblock DC And AC Coefficient Prediction For Video
Issued	United States	10/073,931	7602273	2/13/2002	11/17/2009	METHODS AND DEVICES FOR PROVIDING OPTICAL, SERVICED-ENABLED CROSS-
Issued	United States	10/075,798	6687739	2/13/2002	2/3/2004	Methods And Apparatus For Enabling Shared Web-Based Interaction In Stateful
Issued	United States	10/081,326	6730209	2/22/2002	5/4/2004	Solder Electroplating Bath Including Brighteners Having Reduced Volatility
Issued	United States	10/081,352	7095861	2/22/2002	8/22/2006	Audible Signaling Device With Determinate Directional Radiation
Issued	United States	10/083,795	6728241	2/27/2002	4/27/2004	BOOLEAN PROTOCOL FILTERING
Issued	United States	10/084,003	7099326	2/25/2002	8/29/2006	FAST GPRS FOR IPv6
Issued	United States	10/084,788	6940889	2/26/2002	9/6/2005	OPTICAL PULSE SOURCE FOR LONG HAUL OPTICAL COMMUNICATION SYSTEMS
Issued	United States	10/086,507	6970447	3/1/2002	11/29/2005	Multi-Carrier Method For Providing Access To A Wireless Communication System
Issued	United States	10/087,565	7244687	2/28/2002	5/29/2007	Method And Apparatus For Voice Over IP Network Address Translation
Issued	United States	10/087,863	6788844	2/28/2002	9/7/2004	All-Optical Dynamic Gain Equalizer
Issued	United States	10/090,237	7170946	3/4/2002	1/30/2007	SYSTEM AND METHOD FOR REVIVING CATASTROPHIC CODES
Issued	United States	10/090,371	7255392	3/4/2002	5/29/2007	Error Correction Trellis Coding With Periodically Inserted Known Symbols
Issued	United States	10/090,422	7366905	3/5/2002	4/29/2008	TEMPORARY KEY CERTIFICATION
Issued	United States	10/091,344	6983161	3/6/2002	1/3/2006	METHOD FOR PERFORMING FREQUENCY SYNCHRONIZATION OF A BASE STATION AND
Issued	United States	10/093,847	6920288	3/8/2002	7/19/2005	Method For Automatically Provisioning A Network Element
Issued	United States	10/093,922	6565370	3/11/2002	5/20/2003	Connector Protection Bracket
Issued	United States	10/095,820	6912081	3/12/2002	6/28/2005	Optical Micro-Electromechanical Systems (MEMS) Devices And Methods Of Making
Issued	United States	10/097,583	6771556	3/13/2002	8/3/2004	Single Port Random Access Memory Equipped With A Relief Module To Operate As A
Issued	United States	10/098,127	6813428	3/15/2002	11/2/2004	PHOTONIC CRYSTAL FIBER WITH A LARGE EFFECTIVE SURFACE AREA
Issued	United States	10/098,508	7372950	3/18/2002	5/13/2008	Method for supporting the communication of information via a communications

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Status	Country	App. No.	Patent No.	Filed	Issued	Title
Issued	United States	10/098,883	6795419	3/13/2002	9/21/2004	WIRELESS TELECOMMUNICATIONS SYSTEM USING MULTISLOT CHANNEL ALLOCATION
Issued	United States	10/099,842	7031718	3/13/2002	4/18/2006	METHOD FOR SELECTING A QUALITY OF SERVICE IN A WIRELESS COMMUNICATION
Issued	United States	10/099,874	7079630	3/15/2002	7/18/2006	VOICEMAIL SYSTEM COMPONENT EMPLOYMENT OF INTERNET PROTOCOL NETWORK
Issued	United States	10/100,521	7068950	3/18/2002	6/27/2006	CORRECTING MISALIGNMENT BETWEEN DATA AND A CARRIER SIGNAL IN
Issued	United States	10/101,070	7200627	3/20/2002	4/3/2007	PORTABLE MEDIA ARCHIVE FILESYSTEM ORGANIZATION
Issued	United States	10/101,383	7126921	3/20/2002	10/24/2006	PACKET NETWORK PROVIDING FAST DISTRIBUTION OF NODE RELATED INFORMATION
Issued	United States	10/101,697	6697435	3/21/2002	2/24/2004	Method And Apparatus For Enabling Transmission Of Variable Length Encoded Data In
Issued	United States	10/101,958	7099583	3/21/2002	8/29/2006	Optischer Crossconnect
Issued	United States	10/103,922	6820090	3/22/2002	11/16/2004	Method For Generating Quantiles From Data Streams
Issued	United States	10/112,574	6990626	3/29/2002	1/24/2006	METHOD AND APPARATUS FOR MAP DECODING OF FIRST-ORDER REED MULLER
Issued	United States	10/113,753	7164688	4/1/2002	1/16/2007	Transporting A Gigabit Per Second Data Stream Over A SDH/Sonet Network
Issued	United States	10/115,828	6859574	4/3/2002	2/22/2005	NxN Switching Arrangement Of Two Planar Arrays Without Waveguide Crossings
Issued	United States	10/115,966	7508804	4/5/2002	3/24/2009	Shared Signaling For Multiple User Equipment
Issued	United States	10/115,967	7162675	4/5/2002	1/9/2007	Error Detection Methods In Wireless Communication Systems
Issued	United States	10/117,045	7406045	4/8/2002	7/29/2008	POINT DE DECISION D'AUTORISATION MODULAIRE POUR TRAITER DES REQUETES DE
Issued	United States	10/117,513	7079856	4/5/2002	7/18/2006	DATA FLOW CONTROL BETWEEN A BASE STATION AND A MOBILE STATION
Issued	United States	10/119,517	7209492	4/15/2002	4/24/2007	DSO TIMING SOURCE TRANSIENT COMPENSATION
Issued	United States	10/122,506	7079553	4/15/2002	7/18/2006	METHOD AND SYSTEM FOR EMBEDDING A FIRST CLOCK SIGNAL PHASE WITHIN A
Issued	United States	10/122,461	6826268	4/10/2002	11/30/2004	Method For Overload In A Telecommunications Network And Apparatus Therefor
Issued	United States	10/123,475	6544311	4/17/2002	4/8/2003	Chassis Thermal Zones
Issued	United States	10/120,435	6983294	4/12/2002	1/3/2006	Redundancy Systems and Methods in Communications Systems
Issued	United States	10/123,878	7206935	4/15/2002	4/17/2007	PRODUCT WATCHDOG
Issued	United States	10/126,699	8295249	4/22/2002	10/23/2012	Block Size Detection For MPSK Signaling
Issued	United States	10/128,140	6693469	4/23/2002	2/17/2004	Buffer Interface Architecture
Issued	United States	10/129,712	6980832	9/4/2002	12/27/2005	A METHOD FOR REDUCING TX-POWER IN HANDOVER
Issued	United States	10/132,010	6798930	4/25/2002	9/28/2004	Method And Apparatus For Providing Integrated Broadband Polarization Control
Issued	United States	10/133,958	7177305	4/25/2002	2/13/2007	INTER-SWITCH TELECOMMUNICATIONS SYSTEM FOR INTERCONNECTING PACKET-
Issued	United States	10/135,216	6829401	4/30/2002	12/7/2004	Parallelization of Optical Switch Fabrics
Issued	United States	10/135,954	7426316	4/29/2002	9/16/2008	IMAGE REBUILDING SYSTEM FOR MOBILE IMAGING PHONE
Issued	United States	10/137,700	7313114	5/3/2002	12/25/2007	A METHOD FOR SELECTING SPREADING CODES
Issued	United States	10/140,150	7668899	5/7/2002	2/23/2010	Decoupled Routing Network Method And System
Issued	United States	10/140,395	7430735	5/7/2002	9/30/2008	Method, System, and Computer Program Product For Providing A Software Upgrade
Issued	United States	10/140,997	7525960	5/9/2002	4/28/2009	Methods and Systems Preventing Frame Mis-Ordering in Explicitly Routed Networks
Issued	United States	10/142,052	7385943	5/10/2002	6/10/2008	PROCEDE D'ATTRIBUTION DE RESSOURCES EN COMMUNICATION DANS UN SYSTEME
Issued	United States	10/144,477	6760142	5/13/2002	7/6/2004	Delay Interferometer Optical Pulse Generator
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Issued	United States	10/147,473	7200115	5/17/2002	4/3/2007	Method Of Managing Non-Acknowledgement Responses
Issued	United States	10/147,830	7483379	5/17/2002	1/27/2009	PASSIVE NETWORK MONITORING SYSTEM
Issued	United States	10/148,373	7076252	5/28/2002	7/11/2006	MEASURING OF THE COVERAGE AREA OF A BASE TRANSCEIVER STATION
Issued	United States	10/149,797	7626953	2/21/2003	12/1/2009	COMMUNICATIONS NETWORKS
Issued	United States	10/150,815	6698638	5/20/2002	3/2/2004	Printed Circuit Board Scrap Edge Removal Tool
Issued	United States	10/153,390	7092471	5/22/2002	8/15/2006	Digital Phase Synchronization Circuit
Issued	United States	10/153,824	7058874	5/24/2002	6/6/2006	INTERLEAVER ADDRESS GENERATOR AND METHOD OF GENERATING AN INTERLEAVER
Issued	United States	10/154,746	7073068	5/24/2002	7/4/2006	Method And Apparatus For Distributing Shares Of A Password For Use In Multi-Server
Issued	United States	10/156,152	6823432	5/28/2002	11/23/2004	Method and apparatus for load distribution across memory banks with constrained

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Status	Country	Application	Patent	Filed	Issued	Title
Issued	United States	10/158,709	6781851	5/30/2002	8/24/2004	Electromagnetic Interference Shield
Issued	United States	10/158,713	7242664	5/30/2002	7/10/2007	Hybrid Protection Using Mesh Restoration And 1:1 Protection
Issued	United States	10/158,807	6888658	5/31/2002	5/3/2005	Method And Geometry For Reduced Drift In Electrostatically Actuated Devices
Issued	United States	10/159,809	7033959	5/31/2002	4/25/2006	CONCEPT OF ORGANIC SEMICONDUCTOR APPLICATION PLATFORM IN ROLL-TO-ROLL
Issued	United States	10/162,730	6634794	6/5/2002	10/21/2003	Optical Fiber Connector Assembly
Issued	United States	10/166,194	7496189	6/10/2002	2/24/2009	Caller Information Display Methods And Systems
Issued	United States	10/168,051	8442487	6/3/2003	5/14/2013	METHOD OF HOW TO LOCATE DUPLICATED SIM CARDS IN THE GSM SYSTEM - BASED
Issued	United States	10/168,358	6839569	3/6/2002	1/4/2005	Mobile Radio Equipment With Yoke Antenna
Issued	United States	10/168,632	7260162	9/24/2002	8/21/2007	METHOD AND APPARATUS FOR SELECTING AN EQUALIZATION ALGORITHM
Issued	United States	10/175,459	6610599	6/19/2002	8/26/2003	Removal Of Metal Veils From Via Holes
Issued	United States	10/177,648	6707855	6/20/2002	3/16/2004	DIGITAL DELTA SIGMA MODULATOR IN A FRACTIONAL-N FREQUENCY SYNTHESIZER
Issued	United States	10/179,007	6996190	6/26/2002	2/7/2006	METHOD OF ENCODING A SIGNAL, TRANSMITTER AND RECEIVER
Issued	United States	10/179,215	7333506	6/26/2002	2/19/2008	METHOD AND APPARATUS FOR OBTAINING A SCALABLE AND MANAGED BANDWIDTH
Issued	United States	10/180,824	6721396	6/26/2002	4/13/2004	Method and System of Enhancing Emergency Call Services
Issued	United States	10/180,842	6807321	8/19/2002	10/19/2004	Apparatus And Method for Measurement And Adaptive Control Of Polarization Mode
Issued	United States	10/186,026	6788690	6/27/2002	9/7/2004	PACKET IDENTIFIER SEARCH FILTERING
Issued	United States	10/186,418	7102895	7/1/2002	9/5/2006	BRACKET ASSEMBLY USED TO CONNECT A PLUG-IN CARD TO A BACKPLANE
Issued	United States	10/186,761	7197040	7/1/2002	3/27/2007	SYSTEM AND METHOD FOR OPTIMALLY CONFIGURING BORDER GATEWAY SELECTION
Issued	United States	10/187,664	8675493	7/2/2002	3/18/2014	Routing Bandwidth Guaranteed Paths With Local Restoration In Label Switched
Issued	United States	10/188,539	7219059	7/3/2002	5/15/2007	Automatic Pronunciation Scoring for Language Learning
Issued	United States	10/188,687	6732119	7/3/2002	5/4/2004	Retrieval And Matching Of Color Patterns Based On A Predetermined Vocabulary And
Issued	United States	10/188,942	6856745	7/2/2002	2/15/2005	Waveguide And Application Therefore
Issued	United States	10/192,242	6574327	7/10/2002	6/3/2003	APPARATUS AND METHOD OF PROCESSING LOCAL NUMBER PORTABILITY CALLS IN A
Issued	United States	10/192,549	6784653	7/11/2002	8/31/2004	Eye Monitor
Issued	United States	10/192,569	6549620	7/10/2002	4/15/2003	SIGNAL TRANSFER POINT LOCAL NUMBER PORTABILITY DATABASE AUDIT SYSTEM
Issued	United States	10/193,932	7406074	7/12/2002	7/29/2008	Bundling Messages In Communication Networks
Issued	United States	10/195,492	7525913	7/16/2002	4/28/2009	System And Method For Providing Gaps Between Data Elements At Ingress To A
Issued	United States	10/199,271	7072637	7/18/2002	7/4/2006	METHOD AND SYSTEM FOR ARRANGING FREQUENTLY ACCESSED DATA TO OPTIMIZE
Issued	United States	10/200,249	6678156	7/23/2002	1/13/2004	Air-Cooled Electronic Equipment Enclosed In A Secure Cabinet
Issued	United States	10/200,368	7236484	7/22/2002	6/26/2007	Methods And Systems For Providing Wide-Band Voice Service Via A Telephone Switch
Issued	United States	10/200,627	7123942	7/23/2002	10/17/2006	RADIO STATION WITH CLOSED-LOOP TRANSMISSION DIVERSITY, AND PROCESS FOR
Issued	United States	10/205,706	7236536	7/26/2002	6/26/2007	Method And Apparatus For Detection And Decoding Of Signals Received From A Linear
Issued	United States	10/206,961	7379482	7/30/2002	5/27/2008	ELEMENTO PROGRAMMABILE DI RETE SINCRONA E METODO DI GESTIONE DI TALE
Issued	United States	10/207,844	795774	7/31/2002	6/7/2011	Intelligent Routing for Effective Utilization of Network Signaling Resources
Issued	United States	10/211,687	7400688	8/2/2002	7/15/2008	Path Metric Normalization
Issued	United States	10/211,688	7437657	8/2/2002	10/14/2008	High Speed Add-Compare-Select Processing
Issued	United States	10/213,278	6826210	8/6/2002	11/30/2004	POWER CONTROL CIRCUIT FOR LASER DIODE HAVING WAVELENGTH COMPENSATION
Issued	United States	10/217,427	8054825	8/14/2002	11/8/2011	Method For Transferring A Call Between A Telecommunications Network And A Data
Issued	United States	10/219,343	6999727	8/16/2002	2/14/2006	METODO PER ESEGUIRE UNA FUNZIONE DI PERFORMANCE MONITORING SULLA BASE
Issued	United States	10/220,659	7158753	1/7/2003	1/2/2007	WIRELESS COMMUNICATIONS SYSTEM AND METHOD
Issued	United States	10/222,125	7733880	8/16/2002	6/8/2010	Managing Routes in a Router Utilizing Threshold-Specific Discard Algorithms
Issued	United States	10/222,785	7733896	8/19/2002	6/8/2010	Dynamic Access Priority Scheme
Issued	United States	10/223,789	6912084	8/20/2002	6/28/2005	Method And Apparatus For Controlling Pump Powers Of Broadband Raman Amplifiers
Issued	United States	10/224,812	7127244	8/21/2002	10/24/2006	SYSTEM AND METHOD FOR DELIVERING INCOMING CALLS TO MOBILE UNITS IN
Issued	United States	10/225,645	6796818	8/21/2002	9/28/2004	Card Extender With Insertion/Removal Arrangement
Issued	United States	10/226,883	7512084	8/23/2002	3/31/2009	DVB-T FILTER DETECTION BY UDP LISTENER TABLE
Issued	United States	10/227,863	7453888	8/27/2002	11/18/2008	Stackable Virtual Local Area Network Provisioning In Bridged Networks

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Issued	United States	10/228,300	7515539	8/27/2002	4/7/2009	Router
Issued	United States	10/231,614	6829415	8/30/2002	12/7/2004	Optical Waveguide Devices With Electro-Wetting Actuation
Issued	United States	10/237,956	7330458	9/10/2002	2/12/2008	Method for synchronizing terrestrial nodes equipped with GNSS receivers and
Issued	United States	10/240,628	7403748	12/30/2002	7/22/2008	A METHOD FOR EFFICIENT DL TRANSMISSION
Issued	United States	10/240,780	7738880	4/3/2003	6/15/2010	AUTOMATIC LMU SITE SELECTION PROCESS FOR LCS IN GSM NETWORK
Issued	United States	10/243,748	6954619	9/16/2002	10/11/2005	METHOD AND SYSTEM FOR DOUBLING THE SPECTRUM EFFICIENCY IN A RADIO
Issued	United States	10/246,843	6782257	9/18/2002	8/24/2004	Method For Modeling An Information Capacity Of A Multiantenna Wireless System
Issued	United States	10/250,480	7333770	7/2/2003	2/19/2008	A DEVICE FOR OPTIMUM BROADCASTING OF INFORMATION IN A
Issued	United States	10/251,954	7082153	9/23/2002	7/25/2006	Variable Spacing Pulse Position Modulation For Ultra-Wideband Communication Links
Issued	United States	10/252,210	7716322	9/23/2002	5/11/2010	Automatic Exploration and Testing of Dynamic Web Sites
Issued	United States	10/252,796	8656050	9/24/2002	2/18/2014	Methods And Systems For Efficiently Configuring IP-Based, Virtual Private Networks
Issued	United States	10/255,272	7260098	9/26/2002	8/21/2007	CYCLIC BUFFERING OF A DATASTREAM
Issued	United States	10/255,441	8792465	9/26/2002	7/29/2014	METHOD AND APPARATUS FOR TRANSMITTING A GIGABIT-ETHERNET SIGNAL BY A
Issued	United States	10/255,465	6771748	9/26/2002	8/3/2004	Controlling Customized Announcements to Subscribers and Responses Thereto in an
Issued	United States	10/256,882	7069286	9/27/2002	6/27/2006	SOLUTION SPACE PRINCIPLE COMPONENT-BASED ADAPTIVE FILTER AND METHOD OF
Issued	United States	10/260,088	7092981	9/27/2002	8/15/2006	Non-Reciprocal Network Element That Produces An Input Impedance That Is A
Issued	United States	10/260,621	7068932	10/1/2002	6/27/2006	METHOD AND SYSTEM FOR AUTOMATIC INITIALIZATION OF AN OPTICAL NETWORK
Issued	United States	10/261,085	6888470	9/30/2002	5/3/2005	Sensing Of Mirror Position In An Optical Switch
Issued	United States	10/267,399	6703765	10/9/2002	3/9/2004	Devices Using A Ceramic Piezoelectric
Issued	United States	10/268,099	7230928	10/10/2002	6/12/2007	A METHOD BASED ON FINITE CHANNEL STATE CLASSIFICATION FOR EFFICIENT
Issued	United States	10/269,671	7260064	10/11/2002	8/21/2007	METHOD AND APPARATUS FOR PERFORMING NETWORK ROUTING BASED ON QUEUE
Issued	United States	10/273,857	7227866	10/21/2002	6/5/2007	FAST WORK-CONSERVING ROUND ROBIN SCHEDULING
Issued	United States	10/273,858	6829406	10/21/2002	12/7/2004	Method and System for Determining Location and Value of Dispersion Compensating
Issued	United States	10/282,455	8675655	10/29/2002	3/18/2014	Method For Distributing Load Over Multiple Shared Resources In A Communication
Issued	United States	10/285,413	7362708	10/8/2002	4/22/2008	Method and device for OMP load distribution
Issued	United States	10/285,437	7304971	11/1/2002	12/4/2007	Flexible Transmission Method For Wireless Communications
Issued	United States	10/285,508	7103801	11/1/2002	9/5/2006	A METHOD AND APPARATUS FOR ANALYZING ALARMS COMING FROM A
Issued	United States	10/286,477	7266087	11/1/2002	9/4/2007	IP platform for advanced multipoint access systems
Issued	United States	10/286,946	7280482	11/1/2002	10/9/2007	DYNAMIC LOAD DISTRIBUTION USING LOCAL STATE INFORMATION
Issued	United States	10/287,800	7680507	11/4/2002	3/16/2010	Shared Control and Signaling Channel for Users Subscribing to Data Services in a
Issued	United States	10/289,100	7031694	11/5/2002	4/18/2006	METHOD AND SYSTEM FOR PROVIDING A SERVICE
Issued	United States	10/290,195	7333457	11/6/2002	2/19/2008	High Speed Dedicated Physical Control Channel For Use In Wireless Data Transmissions
Issued	United States	10/294,630	6917734	11/8/2002	7/12/2005	Tunable Optical Device and Optical System Using the Tunable Optical Device as Coding
Issued	United States	10/295,775	7254112	11/15/2002	8/7/2007	SYSTEM AND METHOD FOR REASSEMBLING PACKETS IN A NETWORK ELEMENT
Issued	United States	10/295,827	7443879	11/14/2002	10/28/2008	Communication Between User Agents Through Employment Of CODEC Format
Issued	United States	10/296,145	7257180	11/18/2002	8/14/2007	METHOD FOR RECEIVING A MESSAGE SIGNAL, RECEIVER, RECEIVING DEVICE AND
Issued	United States	10/296,964	7620967	11/22/2002	11/17/2009	METHOD FOR TRANSMITTING MULTIMEDIA INFORMATION ELEMENTS, RECEIVER OF
Issued	United States		7107031	6/19/2003	9/12/2006	CO-CHANNEL INTERFERENCE REJECTION IN A DIGITAL RECEIVER
Issued	United States	10/298,704	7269177	11/18/2002	9/11/2007	Logical Star Topologies For Non-Star Networks
Issued	United States	10/299,132	6810166	11/19/2002	10/26/2004	Optical Waveguide Switch
Issued	United States	10/301,242	7356033	11/21/2002	4/8/2008	Method And Apparatus For Performing Network Routing With Use Of Power Efficient
Issued	United States	10/302,914	7234000	11/25/2002	6/19/2007	SYSTEM AND METHOD OF DOWNLOADING DATA FOR A COMMUNICATION SWITCH
Issued	United States	10/303,378	6702661	11/25/2002	3/9/2004	Cooling Method and Apparatus
Issued	United States	10/303,383	7076328	11/25/2002	7/11/2006	AUTOMATIC ARRANGEMENT, MOBILE TERMINAL CONNECTED THEREWITH, AND
Issued	United States	10/305,614	7158804	11/27/2002	1/2/2007	Uplink Scheduling for Wireless Networks
Issued	United States	10/306,811	6809693	11/27/2002	10/26/2004	Compact Antennas Having Directed Beams and Potentially More Than One Degree of

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Issued	United States	10/311,894	4/29/2003	7353461	4/1/2008	NAVIBARS UI FOR TOUCH SCREEN DEVICE
Issued	United States	10/316,027	12/11/2002	7881279	2/1/2011	TELECOMMUNICATIONS NETWORK AND A PACKET HEADER USING LOCAL NODE
Issued	United States	10/317,801	12/12/2002	7701863	4/20/2010	DECENTRALIZED SLS MONITORING FOR THROUGHPUT IN A DIFFERENTIATED SERVICE
Issued	United States	10/318,035	12/17/2002	6778504	8/17/2004	Dynamic Soft Permanent Virtual Circuit Bulk Connection Tracing
Issued	United States	10/318,811	12/17/2002	6812973	11/2/2004	DUAL DISPLAY IN ONE LCD-MODULE
Issued	United States	10/320,290	12/16/2002	6973178	12/6/2005	METHOD AND APPARATUS FOR IMPLEMENTING A BANDLIMITED RINGING SIGNAL
Issued	United States	10/320,509	12/13/2002	6795596	9/21/2004	Variable optical delay line and use of the variable optical delay line
Issued	United States	10/321,027	12/17/2002	7008757	3/7/2006	Patterned Structures Of High Refractive Index Materials
Issued	United States	10/321,230	12/20/2002	7388868	6/17/2008	CALL-ROUTING APPARATUS, AND ASSOCIATED METHOD, FOR PROVIDING LOCAL CALL
Issued	United States	10/326,346	12/30/2002	6751396	6/15/2004	Integrated Optical Devices and Method of Fabrication Therefor
Issued	United States	10/331,217	12/31/2002	7062176	6/13/2006	Nonlinear Phase-Shift Compensation Method and Apparatus
Issued	United States	10/334,204	12/30/2002	7596789	9/29/2009	METHOD AND APPARATUS FOR SCHEDULING AND SERVICING EVENTS USING A
Issued	United States	10/334,822	12/31/2002	7260074	8/21/2007	HANDOVER DECISION FOR IP SERVICES BROADCASTED ON A DVB NETWORK
Issued	United States	10/335,253	12/31/2002	7177604	2/13/2007	POINTING DEVICE FOR HANDHELD DEVICES AND METHOD FOR IMPLEMENTING SAME
Issued	United States	10/338,198	1/8/2003	7206557	4/17/2007	Method And Apparatus For Suppressing Local Oscillator Leakage In A Wireless
Issued	United States	10/340,113	1/10/2003	7325071	1/29/2008	Forwarding Traffic In A Network Using A Single Forwarding Table That Includes
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Issued	United States	10/342,530	1/15/2003	7002719	2/21/2006	Mirror For An Integrated Device
Issued	United States	10/343,635	2/3/2003	6990329	1/24/2006	METHOD FOR TRANSMITTING EMERGENCY CALL MESSAGES IN A RADIO
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Issued	United States	10/348,954	1/23/2003	6833947	12/21/2004	Optical Fiber Transmission System
Issued	United States	10/350,423	1/24/2003	7742459	6/22/2010	METHOD FOR DISTRIBUTING AGGREGATE ROUTE INFORMATION
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Issued	United States	10/351,042	1/27/2003	7218947	5/15/2007	Telecommunications Network Comprising A Base Station And A Mobile Station, And A
Issued	United States	10/351,948	1/27/2003	7123835	10/17/2006	METHOD AND SYSTEM FOR INCREASING THE CAPACITY AND SPECTRAL EFFICIENCY OF
Issued	United States	10/355,021	1/31/2003	7292534	11/6/2007	METHOD AND DEVICE FOR PROVIDING A MINIMUM CONGESTION FLOW OF
Issued	United States	10/357,558	2/4/2003	7397761	7/8/2008	Routing Restorable Service-Level-Guaranteed Connections Using Maximum 2-Route
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Issued	United States	10/359,825	2/7/2003	7324532	1/29/2008	System For Implementing Simulated Facility Groups On A GR303-Type Interface
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Issued	United States	10/361,256	2/10/2003	7299188	11/20/2007	Method And Apparatus For Providing An Interactive Language Tutor
Issued	United States	10/361,491	2/11/2003	7961608	6/14/2011	CONTROL FOR ADMISSION TO A DATA NETWORK FOR PROVIDING SERVICE QUALITY
Issued	United States	10/361,984	2/11/2003	7930423	4/19/2011	Dynamic Load Balancing Within a Network
Issued	United States	10/362,397	4/25/2003	7039433	5/2/2006	METHODS FOR DETERMINING TIMES AND CHANGES OF TIMES OF TRANSMISSION,
Issued	United States	10/366,404	2/14/2003	7733909	6/8/2010	CONTENT DELIVERY
Issued	United States	10/370,805	2/20/2003	7734761	6/8/2010	SYSTEM AND METHOD FOR RETRIEVING NETWORK MANAGEMENT DATA FROM
Issued	United States	10/373,023	2/26/2003	7228076	6/5/2007	METHOD FOR REMODULATION OF A MODULATED OPTICAL SIGNAL AND DEVICE FOR
Issued	United States	10/376,378	2/28/2003	8036687	10/11/2011	A Method And Apparatus For Supporting Short-Messaging In A Communication
Issued	United States	10/383,150	3/6/2003	7168266	1/30/2007	PROCESS FOR MAKING CRYSTALLINE STRUCTURES HAVING INTERCONNECTED PORES
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Issued	United States	10/386,651	3/13/2003	7636307	12/22/2009	Random Early Packet Discard (RED)
Issued	United States	10/386,702	3/13/2003	7420983	9/2/2008	Dynamic Assignment of Re-Assembly Queues
Issued	United States	10/389,929	3/18/2003	8045549	10/25/2011	Method And Apparatus For Packet Reordering In A Network Processor
Issued	United States	10/390,538	3/18/2003	6861923	3/1/2005	MINIATURIZED WILKINSON DIVIDER WITH MULTILAYER STRUCTURE
Issued	United States	10/393,306	3/20/2003	6842723	1/11/2005	Joint Placement And Configuration Of Cross-Connects And Add-Drop Multiplexers In

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Issued	United States	10/394,455	7002417	2/21/2006	LOOP FILTER COMPENSATION IN POLAR TRANSMITTER
Issued	United States	10/397,959	9332037	5/3/2016	Method And Apparatus For Redundant Signaling Links
Issued	United States	10/398,935	7417994	8/26/2008	PROTOCOL GATEWAY BETWEEN AN H.323 TERMINAL AND ANOTHER TERMINAL,
Issued	United States	10/401,594	7385944	6/10/2008	Method Of Interference Cancellation In Communication Systems
Issued	United States	10/402,589	7649882	1/19/2010	Multicast Scheduling and Replication in Switches
Issued	United States	10/403,083	7991993	8/2/2011	TELECOMMUNICATION SYSTEM, FOR EXAMPLE AN IP TELECOMMUNICATION SYSTEM,
Issued	United States	10/403,551	8230106	7/24/2012	Methods And Apparatus For Improved Transmission Control Protocol Transmission
Issued	United States	10/403,872	6970619	11/29/2005	MECHANICALLY TUNABLE OPTICAL DEVICES SUCH AS INTERFEROMETERS
Issued	United States	10/404,010	7542470	6/2/2009	Method And Apparatus For Routing A Packet Within A Plurality Of Nodes Arranged In
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Issued	United States	10/408,629	7271743	9/18/2007	SWITCH ARRANGEMENT AND A SWITCH MATRIX STRUCTURE FOR A KEYPAD
Issued	United States	10/410,931	7283665	10/16/2007	IMAGE FOMAT AND ITS ENCODING AND DECODING METHOD FOR 3D DISPLAY
Issued	United States	10/417,423	6856731	2/15/2005	Heat Tunable Optical Devices With Linearity Compensation
Issued	United States	10/418,094	8031723	10/4/2011	CENTRALIZED SWITCHING AND ROUTING PACKET HANDLING DEVICE
Issued	United States	10/420,146	7429953	7/10/2007	System And Method For Providing Advanced Calling Features To A packet Network-
Issued	United States	10/411,759	7974276	7/5/2011	Transmitting A Control Message On A Forward Access Channel (FACH) In A Network
Issued	United States	10/412,127	7242668	7/10/2007	NETWORK MONITORING SYSTEM RESPONSIVE TO CHANGES IN PACKET ARRIVAL
Issued	United States	10/412,286	8099098	1/17/2012	Methods And Apparatus For Planning Wireless Data Networks Using Analytical
Issued	United States	10/413,401	7734805	6/8/2010	METHOD FOR SCHEDULING TRANSMISSIONS IN COMMUNICATION SYSTEMS
Issued	United States	10/413,962	7079246	7/18/2006	METHOD AND APPARATUS FOR MEASURING POLARIZATION
Issued	United States	10/422,946	7203225	4/10/2007	Method of phase controlling of a data signal, counter clock circuit arrangement, and
Issued	United States	10/422,844	7376119	5/20/2008	Method Of Controlling Downlink Transmission Timing In Communication Systems
Issued	United States	10/422,838	7352723	4/1/2008	Method Of Forming A Coded Composite Transport Channel For Downlink
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Issued	United States	10/425,432	7330663	2/12/2008	PMD-Reduction Processing For A Multi-Channel Receiver
Issued	United States	10/426,691	7356561	5/1/2008	Adaptive Sleeping And Awakening Protocol For An Energy-Efficient ADHOC Network
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Issued	United States	10/437,054	7554923	6/30/2009	Tandem Connection Activation/Deactivation
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Issued	United States	10/440,247	6987922	1/17/2006	Method and Apparatus for Controlling a Variable Optical Attenuator in an Optical
Issued	United States	10/442,443	7206477	4/17/2007	Optical All Pass Filter Device Having Improved Time-Bandwidth Behavior
Issued	United States	10/442,487	7681149	3/16/2010	NAVIBARS 2 PC/DIGITAL RECEIVER USER INTERFACE - NAVIGATION
Issued	United States	10/443,058	7046426	5/16/2006	Method for Determining Locations and Gain Settings of Amplifiers in an Optical
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Issued	United States	10/447,113	7398446	7/8/2008	Low Power Operation Of An Address Interleaver
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Issued	United States	10/453,974	7453807	6/4/2003	11/18/2008	Efficient Rendezvous Point Tree To Shortest Path Tree Switch-Over Process
Issued	United States	10/454,283	7466698	6/4/2003	12/16/2008	Network Node With Layer 3 Interfaces Configurable By Interface Class
Issued	United States	10/454,298	7394822	6/4/2003	7/1/2008	Using Reassembly Queue Sets For Packet Reassembly
Issued	United States	10/455,510	7519056	6/4/2003	4/14/2009	Managing Traffic In A Multiport Network Node Using Logical Ports
Issued	United States	10/457,104	7436822	6/9/2003	10/14/2008	Method And Apparatus For The Estimation Of Total Transmission Delay By Statistical
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Issued	United States	10/462,477	7228539	6/16/2003	6/5/2007	METHOD AND APPARATUS FOR UPDATING INTER-SERVER COMMUNICATION
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Issued	United States	10/465,233	7342881	6/20/2003	3/11/2008	Backpressure History Mechanism In Flow Control
Issued	United States	10/470,902	7715849	8/1/2003	5/11/2010	USER POSITIONING
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Issued	United States	10/484,586	7647547	12/9/2003	1/12/2010	MULTIHOMED MOBILE IPV6 WITH UNIDIRECTIONAL LINKS
Issued	United States	10/486,621	7493291	7/6/2004	2/17/2009	LOCALLY SHARED SUBSCRIPTION OF MULTIMEDIA CONTENT
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Issued	United States	10/493,918	7085447	2/20/2004	8/1/2006	SYSTEM FOR OPTICAL DEMULTIPLEXING WAVELENGTH BANDS
Issued	United States	10/496,029	7423962	4/21/2005	9/9/2008	LOAD BALANCING IN GGSN
Issued	United States	10/500,900	7881257	8/9/2004	2/1/2011	METHOD FOR CONTROLLING COMMUNICATION CHANNELS AND BASE STATION AND
Issued	United States	10/504,021	7088819	10/6/2004	8/8/2006	Localization of an IP telecommunications terminal over a LAN
Issued	United States	10/510,436	7616648	10/21/2004	11/10/2009	INTERNET AUDIO GATEWAY
Issued	United States	10/512,061	8023435	11/2/2005	9/20/2011	SPANNING TREE BASED NETWORK PARAMETER DISTRIBUTION SCHEME FOR
Issued	United States	10/518,329	7129790	3/2/2005	10/31/2006	PHASE-LOCKED LOOP CIRCUIT
Issued	United States	10/526,400	7751827	3/15/2005	7/6/2010	SIMPLE LOCATION CALCULATION PROCESS UTILIZING CELL IDENTITY(CI), TIMING
Issued	United States	10/528,080	7305241	9/20/2006	12/4/2007	TRANSPORT LOAD AWARE HANDOVER IN AN IP BASED MOBILE NETWORK
Issued	United States	10/529,257	7986687	6/15/2006	7/26/2011	METHOD TO FORM DYNAMICALLY FILE DELIVERY MULTICAST GROUPS USING SET
Issued	United States	10/537,175	9814988	6/19/2006	11/14/2017	Games console adaptor unit
Issued	United States	10/548,741	9280607	11/10/2005	3/8/2016	MOBILE BROWSER RECOMMENDATION ENGINE
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Issued	United States	10/570,889	8774059	10/5/2006	7/8/2014	MULTICASTING APPARATUS
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Issued	United States	10/574,193	7711315	4/19/2006	5/4/2010	METHOD AND MOBILE TERMINAL FOR ACCESSING A SERVICE PORTAL VIA BI-
Issued	United States	10/576,899	8125945	4/16/2007	2/28/2012	VARIABLE LEVEL SERVICE SUPPORT WITH TIME SLICING
Issued	United States	10/584,748	8314883	5/15/2007	11/20/2012	GRIP STABILISING FEATURE TO ENHANCE VIDEO TAKING ON A MOBLEPHONE DEVICE
Issued	United States	10/584,973	7990905	9/1/2006	8/2/2011	COMMUNICATION SYSTEM USING RELAY BASE STATIONS WITH ASYMMETRIC DATA
Issued	United States	10/591,762	7912424	10/12/2006	3/22/2011	ACTUATING FUNCTIONALITY IN ELECTRONIC DEVICE
Issued	United States	10/559,893	8103279		1/24/2012	Restrictive And Preferential Routing In A Distributed Mobile Switching Center

Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	10/601,491	7091772	6/23/2003	8/15/2006	Power Amplification By Using Different Fixed Power Supply Signals For The Amplifier
Issued	United States	10/601,766	6756941	6/24/2003	6/29/2004	DIFFERENTIAL CORRECTION FOR GSM&WCDMA LOCATING SYSTEM (E-
Issued	United States	10/602,588	7970406	6/25/2003	6/28/2011	Method For Transferring Data
Issued	United States	10/606,690	7433118	6/26/2003	10/7/2008	Bridged Polysesquioxane Host Matrices Containing Lanthanides Chelated By Organic
Issued	United States	10/607,968	7031050	6/30/2003	4/18/2006	Method and System for Precision Cross-Talk Cancellation in Optical Amplifiers
Issued	United States	10/609,011	7448080	6/30/2003	11/4/2008	METHOD FOR IMPLEMENTING SECURE CORPORATE COMMUNICATION
Issued	United States	10/609,861	8000695	6/30/2003	8/16/2011	COMMUNICATION DEVICE EMPLOYMENT OF ONE OR MORE RESTRICTIONS TO MAKE
Issued	United States	10/611,679	7512111	7/2/2003	3/31/2009	TX TIMESTAMPING WITH IPDL
Issued	United States	10/611,771	7412055	7/2/2003	8/12/2008	Method And System For Fair Exchange Of User Information
Issued	United States	10/612,471	7706519	7/2/2003	4/27/2010	METHOD AND APPARATUS FOR TELEPHONIC CALL CONNECTION WITH A
Issued	United States	10/613,103	7508755	7/7/2003	3/24/2009	Methods And Devices For Creating An Alternate Path For A Bi-Directional LSP
Issued	United States	10/613,104	7596140	7/7/2003	9/29/2009	Methods And Devices For Creating Bi-Directional LSPs
Issued	United States	10/614,803	7447213	7/9/2003	11/4/2008	METHOD AND APPARATUS FOR END-TO-END CONNECTION BETWEEN AN RPR AND AN
Issued	United States	10/614,930	7245709	7/8/2003	7/17/2007	Portability Of Subscriber Features In A Telecommunication System
Issued	United States	10/616,553	7400877	7/10/2003	7/15/2008	Method Of Supporting Multiple Service Levels In A Wireless Data Network
Issued	United States	10/617,210	7769581	7/11/2003	8/3/2010	Method of coding a signal using vector quantization
Issued	United States	10/617,212	7008892	7/11/2003	3/7/2006	Raman-Active Optical Fiber
Issued	United States	10/620,668	7489701	7/16/2003	2/10/2009	Customer-Specific Traffic Shaping
Issued	United States	10/623,627	7215969	7/21/2003	5/8/2007	Method For Dead Zone Data Collection Using Mobile Station
Issued	United States	10/623,714	7283531	7/22/2003	10/16/2007	Enhanced Recovery Action In Service Specific Connection Orientation Protocol
Issued	United States	10/624,377	7436775	7/24/2003	10/14/2008	Software Configurable Cluster-Based Router Using Stock Personal Computers as
Issued	United States	10/625,667	7206888	7/24/2003	4/17/2007	Backplane Configuration With Shortest-Path-Relative-Shift Routing
Issued	United States	10/626,215	6842547	7/25/2003	1/11/2005	ADAPTIVE CHROMATIC DISPERSION COMPENSATOR
Issued	United States	10/626,597	7889798	7/28/2003	2/15/2011	MULTICARRIER EDGE CLIPPER
Issued	United States	10/627,962	6798366	7/28/2003	9/28/2004	Architecture For A Faster Max* Computation
Issued	United States	10/628,699	7929684	7/28/2003	4/19/2011	High Availability Multi-Tenant Feature
Issued	United States	10/628,714	8055742	7/30/2003	11/8/2011	A Network Management System For Managing Networks And Implementing Services
Issued	United States	10/629,682	7079714	7/31/2003	7/18/2006	ELECTRO-OPTIC DEVICES HAVING FLATTENED FREQUENCY RESPONSE WITH REDUCED
Issued	United States	10/631,649	7289516	7/31/2003	10/30/2007	Universal Interface
Issued	United States	10/632,049	7729339	7/31/2003	6/1/2010	Audio Watermarking For Call Identification In A Telecommunications Network
Issued	United States	10/632,196	7176894	8/4/2003	2/13/2007	DOUBLE-SIDED KEYBOARD FOR USE IN AN ELECTRONIC DEVICE
Issued	United States	10/634,471	7218850	8/7/2003	5/15/2007	Apparatus And Method For Monitoring Signal-To-Noise Ratio In Optical Transmission
Issued	United States	10/636,385	7302389	8/8/2003	11/27/2007	Automatic Assessment Of Phonological Processes
Issued	United States	10/637,235	7864690	8/8/2003	1/4/2011	System And Method For Rerouting Circuits On SONET And SDH Rings Without
Issued	United States	10/637,289	7010180	8/13/2003	3/7/2006	System And Method For Multi-Channel Mitigation Of PMD/PDL/PDG
Issued	United States	10/639,824	7596381	8/15/2003	9/29/2009	Generating A Code Mask Based On Geographical Coordinate Values
Issued	United States	10/641,526	7564867	8/19/2003	7/21/2009	Enhanced Uplink Data Transmission
Issued	United States	10/642,581	7299047	8/19/2003	11/20/2007	Wireless Communication System Enhanced Call Recovery
Issued	United States	10/642,599	7310008	8/21/2003	2/12/2008	Erasure Decoding Optimization Of Acknowledgement/Negative Acknowledgement
Issued	United States	10/644,864	7340250	8/25/2003	3/4/2008	IETF RELIABLE SERVER POOLING USAGE WITHIN IP RAN AND DISTRIBUTED RAN
Issued	United States	10/646,779	7562345	8/27/2003	7/14/2009	Firmware Management Tool
Issued	United States	10/648,909	7643438	8/28/2003	1/5/2010	Method Of Determining Random Access Channel Preamble Detection Performance In
Issued	United States	10/649,797	6912131	8/28/2003	6/28/2005	Electronic Components Card Air Deflector
Issued	United States	10/650,199	7606140	8/27/2003	10/20/2009	DISTRIBUTED AND DISJOINT FORWARDING AND ROUTING SYSTEM AND METHOD
Issued	United States	10/651,134	7321645	8/29/2003	1/22/2008	Method And Arrangement For Detecting A Random Access Channel Preamble Using
Issued	United States	10/651,200	7221912	8/29/2003	5/22/2007	Telecommunications Management Interface System
Issued	United States	10/652,213				
Issued	United States	10/655,463	7451243	9/4/2003	11/11/2008	SYSTEM AND METHOD FOR IMPLEMENTING RMII ETHERNET RESET

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Status	Country	App. No.	Patent No.	Filed	Issued	Title
Issued	United States	10/656,497	7466688	9/5/2003	12/16/2008	Routing And Design In K-Shared Networks
Issued	United States	10/657,846	7010197	9/9/2003	3/7/2006	Integrateable Band Filter Using Waveguide Grating Routers
Issued	United States	10/659,757	7058946	9/10/2003	6/6/2006	ADAPTIVE SCHEDULING OF DATA DELIVERY IN A CENTRAL SERVER
Issued	United States	10/660,117	7081839	9/11/2003	7/25/2006	Method And Apparatus For Compressing An Input String To Provide An Equivalent
Issued	United States	10/662,380	7009461	9/16/2003	3/7/2006	Phase shifted binary transmission encoder, a phase modulator, and an optical network
Issued	United States	10/663,771	7630347	9/17/2003	12/8/2009	HYBRID UMTS/WLAN TELECOMMUNICATION SYSTEM
Issued	United States	10/663,881	7460658	9/16/2003	12/2/2008	Apparatus, And An Associated Method, For Selectably And Automatically Redirecting A
Issued	United States	10/667,722	8392755	9/22/2003	3/5/2013	Providing Protection Switching Via Failure Prediction
Issued	United States	10/670,304	7209530	9/26/2003	4/24/2007	Multi-Shelf System Clock Synchronization
Issued	United States	10/670,940	8150998	9/25/2003	4/3/2012	System And Method For Increasing Optimal Alternative Network Route Convergence
Issued	United States	10/671,482	7034995	9/29/2003	4/25/2006	Enhanced pump absorbing double-clad fiber
Issued	United States	10/672,535	7409459	9/26/2003	8/5/2008	System And Method For Provisioning QOS Paths With Restoration In A Network
Issued	United States	10/674,123	7420962	9/26/2003	9/2/2008	Method For Management Of Voice-Over IP Communications Of Various Relative
Issued	United States	10/674,885	7486684	9/30/2003	2/3/2009	Method And Apparatus For Establishment And Management Of Voice-Over IP Virtual
Issued	United States	10/684,339	7274967	10/10/2003	9/25/2007	METHOD OF DATA STREAMING BETWEEN TWO PROCESSORS FOR THE PURPOSE OF
Issued	United States	10/685,414	7333425	10/16/2003	2/19/2008	Failure Localization in a Transmission Network
Issued	United States	10/685,514	7260206	10/16/2003	8/21/2007	METHOD TO PROVIDE AN OPERATOR SELECTION SERVICE AS WELL AS A
Issued	United States	10/687,119	7269658	10/16/2003	9/11/2007	Method And System For Connecting Calls Through Virtual Media Gateways
Issued	United States	10/689,601	7649865	10/22/2003	1/19/2010	SERVICE-ACTIVATION BASED STATE SWITCHING
Issued	United States	10/693,033	7366264	10/24/2003	4/29/2008	METHOD AND SYSTEM FOR ALLEVIATING IMPULSE NOISE USING BLANKING
Issued	United States	10/696,033	7324451	10/30/2003	1/29/2008	Aggregated Early Message Discard For Segmented Message Traffic in a
Issued	United States	10/696,034	7680922	10/30/2003	3/16/2010	Network Service Level Agreement Arrival-Curve-Based Conformance Checking
Issued	United States	10/697,577	7415456	10/30/2003	8/19/2008	Network Support For Caller Identification Based On Biometric Measurement
Issued	United States	10/699,091	7062142	10/31/2003	6/13/2006	Organosilicate Materials With Mesoscopic Structures
Issued	United States	10/699,261	7330465	10/31/2003	2/12/2008	Auto Provisioning For A Voice Over IP Gateway
Issued	United States	10/699,530	7120706	10/31/2003	10/10/2006	CONTENTION RESOLUTION IN A MEMORY MANAGEMENT SYSTEM
Issued	United States	10/699,687	7433707	11/4/2003	10/7/2008	A telecommunication method supporting multiple air interfaces
Issued	United States	10/700,703	6953889	11/4/2003	10/11/2005	ELECTRICAL SHIELD
Issued	United States	10/701,072	7047018	11/5/2003	5/16/2006	CENTRALIZED POWER ALLOCATION FOR WCDMA DOWNLINK RADIO RESOURCE
Issued	United States	10/701,089	7609622	11/4/2003	10/27/2009	COMMUNICATION SYSTEM HAVING ENHANCED RELIABILITY
Issued	United States	10/701,276	7404101	11/4/2003	7/22/2008	Optimal Configuration Method
Issued	United States	10/704,389	7215852	11/7/2003	5/8/2007	Method and Apparatus For Mode Conversion
Issued	United States	10/705,837	7471627	11/13/2003	12/30/2008	DISPOSITIF DE CONTROLE D'ADMISSION DE NIVEAU RESEAU POUR UN RESEAU DE
Issued	United States	10/705,973	7751818	11/13/2003	7/6/2010	SMART DETECTION OF HOT SPOT BORDER CROSSING IN TECHNOLOGY HANDOFFS
Issued	United States	10/706,249	6814607	11/12/2003	11/9/2004	Apparatus And Method For Guiding And Aligning Circuit Board Assemblies To A
Issued	United States	10/706,730	7154881	11/11/2003	12/26/2006	Method And Apparatus For Telecommunications Using Internet Protocol
Issued	United States	10/712,104	7483998	11/14/2003	1/27/2009	Software Configurable Cluster-Based Router Using Heterogeneous Nodes As Cluster
Issued	United States	10/712,357	6991151	11/14/2003	1/31/2006	METHOD OF FABRICATING AN ELECTRONIC MODULE COMPRISING AN ACTIVE
Issued	United States	10/715,557	7289739	11/19/2003	10/30/2007	Polarization Mode Dispersion Controller Device and Method for its Operation
Issued	United States	10/715,928	7765281	11/18/2003	7/27/2010	LARGE-SCALE TARGETED DATA DISTRIBUTION SYSTEM
Issued	United States	10/719,371	7386630	11/21/2003	6/10/2008	METHODS FOR SUPPORTING DIFFSERV OVER MPLS POLICY BASED MANAGEMENT
Issued	United States	10/720,012	7269602	11/21/2003	9/11/2007	IMPLEMENTATION OF MANAGEMENT TREE RUN-TIME NODES
Issued	United States	10/724,775	7619966	12/2/2003	11/17/2009	Hybrid Virtual Private LAN Extensions
Issued	United States	10/725,025	7529480	12/2/2003	5/5/2009	A Method and System for Light Path Monitoring in an Optical Communication Network
Issued	United States	10/729,422	7333575	12/5/2003	2/19/2008	METHOD FOR RECEIVING A CDMA SIGNAL IN THE PRESENCE OF ANTENNA DIVERSITY
Issued	United States	10/731,091	7733869	12/10/2003	6/8/2010	PROVIDING VPLS-LIKE SERVICE OVER NATIVE ATM NETWORKS
Issued	United States	10/731,236	7420953	12/9/2003	9/2/2008	Hardware Configuration, Support Node And Method For Implementing General Packet

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Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	10/735,895	7443832	12/15/2003	10/28/2008	DISPOSITIF DE DETERMINATION DE CHEMINS DE COMMUTATION DANS UN RESEAU
Issued	United States	10/736,002	7003377	12/15/2003	2/21/2006	Controlling Cooling Air Intake For Air Cooled Equipment
Issued	United States	10/736,408	8094801	12/15/2003	1/10/2012	Providing Of Service(s) By A Service Control Component To Telephony Device(s) On A
Issued	United States	10/737,903	7362774	12/15/2003	4/22/2008	MULTIPROTOCOL LABEL SWITCHING LABEL DISTRIBUTION METHOD, A RELATED FIRST
Issued	United States	10/739,158	7082482	12/19/2003	7/25/2006	A DATA HANDLING DEVICE
Issued	United States	10/739,560	7224974	12/19/2003	5/29/2007	Network Support For Per User Packet Data Throughput
Issued	United States	10/740,720	7352699	12/18/2003	4/1/2008	Switch Fabric Access Scheduler
Issued	United States	10/741,491	6980339	12/18/2003	12/27/2005	Deformable MEMS Mirror
Issued	United States	10/742,786	7248799	12/18/2003	7/24/2007	PROCEDE ET DISPOSITIF PERFECTIONNES DE CONTROLE DE LA PUISSANCE DELIVREE
Issued	United States	10/743,592	7376419	12/18/2003	5/20/2008	Call Triggering To One Or More Service Nodes Upon Receipt Of Initial Trigger Response
Issued	United States	10/744,351	7440459	12/19/2003	10/21/2008	Methods Of Detecting Protocol Support In Wireless Communication Systems
Issued	United States	10/745,881	7518990	12/22/2003	4/14/2009	Methods And Apparatus For Detecting A Three-State Signal In A Base Station In A
Issued	United States	10/750,123	7400686	12/26/2003	7/15/2008	CHANNEL ESTIMATION AND SIGNAL DETECTION FOR MULTI-CARRIER CDMA SYSTEMS
Issued	United States	10/751,922	7602701	12/29/2003	10/13/2009	WIDEBAND CROSS-CONNECT SYSTEM AND PROTECTION METHOD UTILIZING SONET
Issued	United States	10/762,976	7356749	1/22/2004	4/8/2008	Route Determination Method And Apparatus For Virtually-Concatenated Data Traffic
Issued	United States	10/767,101	7346070	1/28/2004	3/18/2008	SYSTEM AND METHOD FOR DISCOVERING WAVELENGTHS IN NETWORK ELEMENTS
Issued	United States	10/768,053	8595283	1/28/2004	11/26/2013	METHOD FOR MANAGING CONNECTION RESOURCES
Issued	United States	10/770,028	6819808	2/2/2004	11/16/2004	Electro-Optical Modulators
Issued	United States	10/770,868	7725600	2/2/2004	5/25/2010	CONTENT DELIVERY ACCORDING TO DEVICE ACTIVITY
Issued	United States	10/770,881	7554906	2/3/2004	6/30/2009	METHOD AND APPARATUS PROVIDING ADDRESS MANAGEMENT IN A FLAT
Issued	United States	10/772,956	7519049	2/5/2004	1/19/2010	Shared Wireline Code Division Multiple Access
Issued	United States	10/778,556	8165569	2/13/2004	4/24/2012	METHOD AND APPARATUS FOR TRANSMITTING FREQUENCY SHIFT KEY DATA IN A
Issued	United States	10/781,628	7743164	2/20/2004	6/22/2010	Method For Distribution Video Information To Mobile Phone Based On Push
Issued	United States	10/782,231	7643761	2/19/2004	1/5/2010	Method And Apparatus For Processing Optical Duobinary Signals
Issued	United States	10/783,306	7003198	2/20/2004	2/21/2006	Integrateable Band Filter Using Waveguide Grating Routers
Issued	United States	10/787,149	7206584	2/27/2004	4/17/2007	Methods Of Determining Cells For Deletion In Network Design
Issued	United States	10/788,458	7477610	3/1/2004	1/13/2009	Methods And Devices For Coordinating The Transmissions Of Access Points In WLANs
Issued	United States	10/790,236	7519049	3/2/2004	4/14/2009	MOBILE PHONE SYSTEM
Issued	United States	10/790,434	8045862	2/27/2004	10/25/2011	OPTICAL COMMUNICATION METHOD AND APPARATUS
Issued	United States	10/793,191	7720029	3/4/2004	5/18/2010	CHANNEL SELECTION IN WIRELESS TELECOMMUNICATION SYSTEM
Issued	United States	10/795,209	7200418	3/4/2004	4/3/2007	DETECTION OF LIGHTNING
Issued	United States	10/795,260	7530096	3/9/2004	5/5/2009	INTERMEDIATE NODE AWARE IP DATAGRAM GENERATION
Issued	United States	10/797,951	7321911	3/11/2004	1/22/2008	METHOD OF GENERATING SINUSOIDAL SIGNAL
Issued	United States	10/798,064	8919957	3/11/2004	12/23/2014	DRUG DELIVERY STENT
Issued	United States	10/800,214	7414997	3/12/2004	8/19/2008	GPRS Tunneling Protocol Path Integrity Protocol
Issued	United States	10/803,103	7613607	3/18/2004	11/3/2009	AUDIO ENHANCEMENT IN CODED DOMAIN
Issued	United States	10/803,888	7239878	3/19/2004	7/3/2007	A telecommunication method for a wireless network
Issued	United States	10/805,701	7372823	3/22/2004	5/13/2008	Method Of Transmitting Broadcast-Multicast Services Parameters Messages In A
Issued	United States	10/808,365	7436782	3/25/2004	10/14/2008	Full Mesh LSP and Full Mesh T-LDP Provisioning Between Provider Edge Routers In
Issued	United States	10/809,164	8477780	3/25/2004	7/2/2013	PROCESSING PACKET INFORMATION USING AN ARRAY OF PROCESSING
Issued	United States	10/810,372	6975640	3/26/2004	12/13/2005	Method And Apparatus For Transport Of Control Information Over A Data Link
Issued	United States	10/812,164	7206069	3/29/2004	4/17/2007	Optical Analyzers Of Polarization Properties
Issued	United States	10/813,774	7257409	3/31/2004	8/14/2007	CENTRALIZED CELL HOMING AND LOAD BALANCING IN A BASE STATION CONTROLLER
Issued	United States	10/813,951	7068409	3/31/2004	6/27/2006	TIP-TILT-PISTON ACTUATOR
Issued	United States	10/816,354	7113410	4/1/2004	9/26/2006	Electromagnetic Shield Assembly With Opposed Hook Flanges
Issued	United States	10/817,760	7500013	4/2/2004	3/3/2009	Calculation Of Link-Detour Paths In Mesh Networks
Issued	United States	10/817,986	7701694	4/5/2004	4/20/2010	ARMAMENT USE ARRANGEMENT

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Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	10/818,331	7821940	4/5/2004	10/26/2010	TRANSMISSION OF MAINTENANCE INFORMATION OF AN ACTIVE PACKET
Issued	United States	10/818,542	7924827	4/5/2004	4/12/2011	BOOLEAN PROTOCOL FILTERING
Issued	United States	10/820,596	7489638	4/8/2004	2/10/2009	Scheduling With Delayed Graphs For Communication Networks
Issued	United States	10/822,510	7385220	4/12/2004	6/10/2008	Fibers With Polymeric Coatings And Methods Of Making The Same
Issued	United States	10/822,667	7630297	4/13/2004	12/8/2009	Network Fabric Access Device With Multiple System Side Interfaces
Issued	United States	10/823,580	7301938	4/14/2004	11/27/2007	TRAIL/PATH PROTECTION FOR SDH/SONET NETWORKS
Issued	United States	10/823,667	7366514	4/14/2004	4/29/2008	Method Of Transferring A Packet Switched Call To A Circuit Switched Call
Issued	United States	10/823,748	7716366	4/27/2004	5/11/2010	Method Of Handing Off A Packet Switched Call To A Circuit Switched Call
Issued	United States	10/825,120	7042916	4/20/2004	5/9/2006	RAMAN AMPLIFIER SYSTEM
Issued	United States	10/827,274	7106500	4/16/2004	9/12/2006	METHOD FOR ADJUSTING THE OUTPUT SPECTRUM OF A MULTI-OUTPUT-
Issued	United States	10/829,180	6985654	4/22/2004	1/10/2006	DEVICE AND A METHOD FOR TRANSFORMING SIGNAL PROPAGATION MODE BY
Issued	United States	10/831,711	7095713	4/23/2004	8/22/2006	HYBRID MAGNET FOR RETARDING HAPTIC APPLICATIONS USING ACTIVE FRICTION
Issued	United States	10/832,110	7417620	4/26/2004	8/26/2008	Using Network Transport Tunnels To Provide Service-Based Data Transport
Issued	United States	10/833,489	8098649	4/27/2004	1/17/2012	Enhancement Of VRRP Interface And Router Selection Where An Non-Owner Router Is
Issued	United States	10/833,822	7508774	4/27/2004	3/24/2009	Extensions To The Spanning Tree Protocol
Issued	United States	10/834,129	7489642	4/29/2004	2/10/2009	Silent Datapath Failure Detection
Issued	United States	10/835,085	9094144	4/29/2004	7/28/2015	Methods And Apparatus For Code Division Multiple Access Communication Using Code
Issued	United States	10/835,112	7620004	4/30/2004	11/17/2009	Methods Of Power Overload Control In Communication Systems
Issued	United States	10/835,676	8010119	4/30/2004	8/30/2011	Real-Time Transmission Of A Video Between Mobile Stations
Issued	United States	10/835,810	7792134	4/30/2004	9/7/2010	Method And Apparatus For Detecting An Uplink Packet Data Channel In A CDMA
Issued	United States	10/836,290	7526270	4/30/2004	4/28/2009	Selecting One Of A Plurality Of Service Providers To Handle A Communication Session
Issued	United States	10/837,225	7423974	4/30/2004	9/9/2008	Disabling Mutually Recursive Routes
Issued	United States	10/837,409	7223681	5/17/2004	5/29/2007	PRINCIPLE OF OPTIMUM CSP (BGA) COMPONENT BALLOUT DESIGN FOR IMPROVED
Issued	United States	10/838,496	7426666	5/18/2004	9/16/2008	Noisy Channel Emulator For High Speed Data
Issued	United States	10/838,098	7609624	5/3/2004	10/27/2009	METHOD AND APPARATUS FOR PRE-PROVISIONING NETWORKS TO SUPPORT FAST
Issued	United States	10/838,782	8213421	5/3/2004	7/3/2012	Methods And Systems For Efficient Multicast Across A Mesh Backplane
Issued	United States	10/839,717	7362731	5/6/2004	4/22/2008	A MOVEMENT DETECTION ALGORITHM FOR FAST AND SMOOTH HANDOVER OVER
Issued	United States	10/843,898	7636506	5/12/2004	12/22/2009	Optical Fiber Management in a Chassis-Based Network System
Issued	United States	10/847,177	7248686	5/17/2004	7/24/2007	System And Method For Routing Calls Using A Universal Access Phone Number
Issued	United States	10/847,409	8289859	5/20/2004	10/16/2012	Link Delay Determination Using Virtual Concatenation
Issued	United States	10/848,496	7650081	5/26/2004	1/19/2010	Method And Apparatus For Receiving Frequency Modulated Signals On An Intensity
Issued	United States	10/849,125	7346132	5/20/2004	3/18/2008	Method for transmitting signalling information between an access point and a terminal
Issued	United States	10/853,422	7937459	5/27/2004	5/3/2011	DYNAAMISET LASKURIT DX:SS€
Issued	United States	10/853,825	7652986	5/28/2004	1/26/2010	Route Determination with Differential Delay Compensation For Virtually-Concatenated
Issued	United States	10/854,717	7701886	5/28/2004	4/20/2010	Packet Loss Concealment Based On Statistical N-Gram Predictive Models For Use In
Issued	United States	10/856,444	7570754	6/2/2004	8/4/2009	System And Method For Routing Calls In A Telecommunications Network
Issued	United States	10/856,728	7254395	6/2/2004	8/7/2007	Request To Mobile Station To Change To Common Mode Of Communication Upon
Issued	United States	10/858,989	7400631	6/4/2004	7/15/2008	SCHEDULING UNIT WITH OPTIMIZED JITTER AND QUEUE OCCUPANCY
Issued	United States	10/859,490	7256835	6/4/2004	8/14/2007	APPARATUS AND METHOD FOR DEINTERLACING VIDEO IMAGES
Issued	United States	10/859,955	7453796	6/4/2004	11/18/2008	Method And Apparatus For Designing Networks To Support Fast Restoration
Issued	United States	10/860,942	7742497	6/4/2004	6/22/2010	ACCESS SYSTEMS AND METHODS FOR A SHARED COMMUNICATION MEDIUM
Issued	United States	10/860,948	7339626	6/7/2004	3/4/2008	Deinterlacing Video Images With Slope Detection
Issued	United States	10/861,519	7894823	6/7/2004	2/22/2011	SYSTEM FOR ENHANCED CAPACITY AND QUALITY OVER WLAN
Issued	United States	10/862,215	7551630	6/9/2004	6/23/2009	A ROUTER TO ROUTE PACKETS
Issued	United States	10/863,275	7653068	6/9/2004	1/26/2010	A Method And Apparatus For Providing Call Admission Control In Packet Networks
Issued	United States	10/865,432	7760637	6/10/2004	7/20/2010	SYSTEM AND METHOD FOR IMPLEMENTING FLOW CONTROL WITH DYNAMIC LOAD
Issued	United States	10/866,812	8190731	6/15/2004	5/29/2012	Network Statistics Processing Device

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Issued	United States	10/867,086	8379825	6/14/2004	2/19/2013	System And Method For Establishing PSTN Calls Via An IP Request
Issued	United States	10/868,419	7555743	6/15/2004	6/30/2009	SNMP Agent Code Generation And SNMP Agent Framework For Network Management
Issued	United States	10/871,594	8060094	6/21/2004	11/15/2011	TRANSMISSION OF MESSAGES BETWEEN NETWORK ENTITIES IN A WIRELESS
Issued	United States	10/875,755	7342958	6/24/2004	3/11/2008	System And Method For Enhancing Throughput In An Additive Gaussian Noise Channel
Issued	United States	10/875,823	7653016	6/24/2004	1/26/2010	Method of controlling access to resources of a radiocommunication network and base
Issued	United States	10/879,585	7644267	6/30/2004	1/5/2010	CONTROLLING ACCESS TO SERVICES IN A COMMUNICATIONS SYSTEM
Issued	United States	10/881,190	7228259	6/30/2004	6/5/2007	METHOD AND APPARATUS FOR STRUCTURE-PRESERVING REDUCED-ORDER
Issued	United States	10/881,236	7409163	6/30/2004	8/5/2008	Method And Apparatus For Optical Signal Transmission
Issued	United States	10/881,696	8065408	6/30/2004	11/22/2011	METHOD AND SYSTEM FOR DYNAMIC DEVICE ADDRESS MANAGEMENT
Issued	United States	10/883,666	7502461	7/6/2004	3/10/2009	Echo Cancellation In A Communication Network
Issued	United States	10/884,972	7756960	7/7/2004	7/13/2010	USE OF A COMMUNICATIONS NETWORK ELEMENT MANAGEMENT SYSTEM TO
Issued	United States	10/886,181	7239875	7/7/2004	7/3/2007	Establishing Or Releasing A Radio Connection Between A Mobile And A Cell For
Issued	United States	10/887,214	7342573	7/7/2004	3/11/2008	COMBINED SEAL AND AND ACTUATOR MADE FROM ELECTRO STRICTIVE POLYMER,
Issued	United States	10/895,743	7174180	7/21/2004	2/6/2007	METHODS AND APPARATUS FOR TRANSMISSION SCHEDULING IN WIRELESS
Issued	United States	10/895,816	7684753	7/21/2004	3/23/2010	METHOD AND DEVICE FOR TRANSMISSION PARAMETER SELECTION IN MOBILE
Issued	United States	10/897,805	7971262	7/23/2004	6/28/2011	Protection Against Software Piracy
Issued	United States	10/903,445	8204973	7/30/2004	6/19/2012	Architecture For Configuration And Management Of Cross-Domain Network Services
Issued	United States	10/909,462	7788098	8/2/2004	8/31/2010	PREDICTING TONE PATTERN INFORMATION FOR TEXTUAL INFORMATION USED IN
Issued	United States	10/910,027	7043088	8/3/2004	5/9/2006	Adaptive Variable Length Decoding Method
Issued	United States	10/911,726	8762600	8/5/2004	6/24/2014	DIGITAL DELAY BUFFERS AND RELATED METHODS
Issued	United States	10/914,170	7729261	8/10/2004	6/1/2010	Forwarding Of Network Traffic In Respect Of Differentiated Restricted Transit Network
Issued	United States	10/919,134	7218193	8/16/2004	5/15/2007	MEMS-Based Inertial Switch
Issued	United States	10/919,618	8305881	8/17/2004	11/6/2012	Method And System For Maximizing Wavelength Reuse In Optically Protected WDM
Issued	United States	10/920,349	7680213	8/18/2004	3/16/2010	ENABLING 16QAM MODULATION BY QPSK MODULATORS
Issued	United States	10/920,673	7927783	8/18/2004	4/19/2011	Tunable Lithography With A Refractive Mask
Issued	United States	10/922,602	7408936	8/20/2004	8/5/2008	SCALABLE VLAN GROUPING IN A PROVIDER METRO ETHERNET
Issued	United States	10/923,506	7486671	8/23/2004	2/3/2009	A METHOD TO CARRY MANAGEMENT SESSIONS OF MULTIPLE TERMINALSOVER
Issued	United States	10/924,115	8249106	8/23/2004	8/21/2012	Extended Cellular Telephony Protocol
Issued	United States	10/926,818	7646730	8/26/2004	1/12/2010	AVAILABILITY AWARE COST MODELING FOR OPTICAL CORE NETWORKS
Issued	United States	10/930,285	7551731	8/31/2004	6/23/2009	Flexible Caller ID And Calling Name Information Presentation
Issued	United States	10/932,053	9032056	9/2/2004	5/12/2015	Device For Processing The Measurements Of Parameters And/Or Of Traffic Streams,
Issued	United States	10/934,509	7460484	9/7/2004	12/2/2008	Lawful Intercept Of Traffic Connections
Issued	United States	10/934,610	7421204	9/2/2004	9/2/2008	Method And System For Increasing The Spectral Efficiency Of Binary Coded Digital
Issued	United States	10/935,275	7538837	9/8/2004	5/19/2009	OPTICAL PACKET TRANSMISSION
Issued	United States	10/939,718	7395492	9/13/2004	7/1/2008	Method And Apparatus For Detecting A Packet Error In A Wireless Communications
Issued	United States	10/941,893	7430547	9/16/2004	9/30/2008	METHOD OF DETECTING THE PRESENCE OR THE ABSENCE OF A MOBILE TERMINAL ON
Issued	United States	10/949,638	7408881	9/24/2004	8/5/2008	Differential Delay Constrained Routing For Virtually-Concatenated Data Traffic
Issued	United States	10/950,725	7660568	9/27/2004	2/9/2010	Method And Apparatus For Generating A Channel Estimate Using A Non-Pilot Portion
Issued	United States	10/952,325	7599621	9/28/2004	10/6/2009	Trail Engineering In Agile Photonic Networks
Issued	United States	10/954,033	7030825	9/29/2004	4/18/2006	Aperture Antenna Element
Issued	United States	10/954,460	6987843	9/29/2004	1/17/2006	Network Support For Fax Retry Blocking
Issued	United States	10/954,678	8131653	9/30/2004	3/6/2012	Method And Apparatus For Warranty Cost Calculation
Issued	United States	10/954,755	9084199	9/30/2004	7/14/2015	Utilization Of Overhead Channel Quality Metrics In A Cellular Network
Issued	United States	10/954,775	7536290	9/30/2004	5/19/2009	Model-Based Management Of An Existing Information Processing System
Issued	United States	10/956,104	7289667	10/4/2004	10/30/2007	INVERSE HISTOGRAM BASED IMAGE SHARPENING METHOD
Issued	United States	10/956,204	7672294	9/30/2004	3/2/2010	METHODS AND DEVICES FOR ACHIEVING PARALLEL OPERATION BETWEEN IP AND
Issued	United States	10/956,858	7453876	9/30/2004	11/18/2008	Method And Apparatus For Providing Distributed SLF Routing Capability In An Internet

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Status	Country	App. No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	10/959,160	7231535	10/7/2004	6/12/2007	CARTE DE CONNEXION ETHERNET A UN RESEAU LOCAL, A CONTROLE DE
Issued	United States	10/961,092	7254399	10/12/2004	8/7/2007	TECHNIQUES FOR INTERFERENCE REDUCTION IN WIRELESS COMMUNICATIONS
Issued	United States	10/967,385	7921193	10/16/2004	4/5/2011	SYSTEM AND METHOD FOR LEVERAGING END-USERS' PREFERENCES FOR EFFICIENT
Issued	United States	10/978,417	7359361	11/2/2004	4/15/2008	TECHNIQUES FOR STREAM HANDLING IN WIRELESS COMMUNICATIONS NETWORKS
Issued	United States	10/981,591	7406260	11/5/2004	7/29/2008	A Method and System for Network Wide Fault Isolation in an Optical Network
Issued	United States	10/985,060	7457268	11/10/2004	11/25/2008	SCHEME FOR PACKET ALLOCATION IN A RADIOCOMMUNICATION SYSTEM
Issued	United States	10/989,512	7539164	11/17/2004	5/26/2009	L3 ROUTER ADVERTISEMENTS IN PROXY LMM CONCEPT
Issued	United States	10/990,157	7613395	11/16/2004	11/3/2009	OPTICAL NETWORK TERMINATION APPARATUS WITH SHARED COMPONENTS AND
Issued	United States	10/993,078	7398114	11/19/2004	7/8/2008	MOBILE STATION BODY COMPRISED OF STACKED ELEMENTS
Issued	United States	10/993,486	7489736	11/22/2004	2/10/2009	BLOCK-INTERLEAVED BLOCK MODULATION
Issued	United States	10/998,226	8149783	11/29/2004	4/3/2012	PACKET NSI DISTRIBUTION
Issued	United States	10/999,842	7991176	11/29/2004	8/2/2011	STEREO WIDENING NETWORK FOR TWO LOUDSPEAKERS
Issued	United States	11/000,182	7492725	11/30/2004	2/17/2009	System And Method For Reducing Switching Overhead In A Communication Network
Issued	United States	11/010,410	7386738	12/14/2004	6/10/2008	METHOD FOR WAKING UP A SLEEPING DEVICE, A RELATED NETWORK ELEMENT AND A
Issued	United States	11/013,054	7254034	12/15/2004	8/7/2007	Thermal Management For Shielded Circuit Packs
Issued	United States	11/013,732	7653046	12/16/2004	1/26/2010	Method And Apparatus For Providing Multiple Simultaneous VOIP Call Sessions For A
Issued	United States	11/019,515	7130176	12/23/2004	10/31/2006	REDUNDANT IP FORWARDING
Issued	United States	11/021,481	7433668	12/23/2004	10/7/2008	Controlling Q-Factor Of Filters
Issued	United States	11/015,609	8036361	12/17/2004	10/11/2011	Selection Of Ringback Tone Indicative Of Emotional State That Is Input By User Of
Issued	United States	11/017,492	9213779	12/20/2004	12/15/2015	AUTOMATED PRELOADING OF DIGITAL CONTENT TO MOBILE TERMINALS
Issued	United States	11/021,554	7430420	12/23/2004	9/30/2008	PROTECTIVE ENCLOSURES AND RELATED METHODS
Issued	United States	11/022,328	7496066	12/23/2004	2/24/2009	Managing Mobility Of Wireless Devices In Distributed Communication Networks
Issued	United States	11/023,427	7509056	12/29/2004	3/24/2009	Method and system for generating CS-RZ pulses showing narrow width of bit duration
Issued	United States	11/024,119	7418636	12/22/2004	8/26/2008	Address Error And Address Detection Systems And Methods
Issued	United States	11/025,100	8270301	12/29/2004	9/18/2012	Delay Distributed Virtually-Concatenated Data Traffic
Issued	United States	11/025,374	7620616	12/29/2004	11/17/2009	HIERARCHIAL AUTOCOMPLETE METHOD
Issued	United States	11/027,905	7990846	12/30/2004	8/2/2011	METHOD AND APPARATUS FOR PROVISIONING A HOP LIMITED PROTECTION
Issued	United States	11/028,460	7523491	1/3/2005	4/21/2009	ACCESSING MOBILE SERVER FROM OUTSIDE OPERATOR FIREWALLS
Issued	United States	11/032,074	7414972	1/11/2005	8/19/2008	Jitter Controlled WFQ Algorithm On Network Processors and Latency Constrained
Issued	United States	11/035,082	7995585	1/14/2005	8/9/2011	Method Of Controlling Transmission Rates
Issued	United States	11/037,677	7283365	1/18/2005	10/16/2007	Jet Impingement Cooling Apparatus And Method
Issued	United States	11/041,561	7489628	1/24/2005	2/10/2009	Communication Traffic Management Monitoring Systems and Methods
Issued	United States	11/044,974	7397815	1/27/2005	7/8/2008	Method And Apparatus For Performing Link Defragmentation Subject To An Interface
Issued	United States	11/054,434	8023456	2/10/2005	9/20/2011	ENHANCED AAL2 RESERVATION FOR COMMON AND SHARED CHANNELS INIUB
Issued	United States	11/058,331	7242701	2/15/2005	7/10/2007	Laser Wavelength Control Arrangement And Method
Issued	United States	11/059,438	7440395	2/17/2005	10/21/2008	Telecommunication Switch and Operating Method
Issued	United States	11/059,603	7630480	2/17/2005	12/8/2009	Service Provisioning System
Issued	United States	11/065,169	7643008	2/23/2005	1/5/2010	CHANGING KEYS DRAWN ON A DISPLAY AND ACTUATING THEM USING A SENSOR-
Issued	United States	11/065,241	7596392	2/23/2005	9/29/2009	USING FILE ACCESS FREQUENCY TO MINIMIZE POWER CONSUMPTION BYOPTIMIZING
Issued	United States	11/067,506	7570649	2/28/2005	8/4/2009	Forwarding State Sharing Between Multiple Traffic Paths In A Communication Network
Issued	United States	11/071,771	8062219	3/3/2005	11/29/2011	AUTOMATIC PORTAL FOR MOBILE WEB-SERVERS
Issued	United States	11/072,439	7639988	3/7/2005	12/29/2009	Methods Of Simplifying Network Simulation
Issued	United States	11/073,702	7190963	3/8/2005	3/13/2007	METHOD FOR PERFORMING FREQUENCY SYNCHRONIZATION OF A BASE STATION AND
Issued	United States	11/078,012	7903688	3/11/2005	3/8/2011	VOIP ENCODED PACKET PRIORITIZATION DONE PER PACKET IN AN IP
Issued	United States	11/080,160	7821997	3/8/2005	10/26/2010	A COMPUTER IMPLEMENTED METHOD, SYSTEM, AND INTERGRATED CIRCUITRY FOR
Issued	United States	11/081,932	7525971	3/16/2005	4/28/2009	Software-Hardware Partitioning Of A Scheduled Medium-Access Protocol

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Status	Country	App. No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	11/084,281	8218462	3/18/2005	7/10/2012	Mobile Communication Device Receipt Through Second Telecommunication Network
Issued	United States	11/084,887	8331357	3/21/2005	12/11/2012	Computer Telephony Using A Circuit-Switched Network
Issued	United States	11/086,535	7609634	3/22/2005	10/27/2009	Communication Traffic Policing Apparatus and Methods
Issued	United States	11/087,151	7443819	3/23/2005	10/28/2008	Managing Scrambling Codes During Serving Radio Network Subsystem Relocation
Issued	United States	11/088,073	9185036	3/23/2005	11/10/2015	Method And Apparatus For Flow Control Of Data In A Network
Issued	United States	11/088,376	7633950	3/24/2005	12/15/2009	Method And Apparatus For Automatically Assigning Virtual Concatenation Group
Issued	United States	11/090,308	7668914	3/28/2005	2/23/2010	Milestone Synchronization In Broadcast Multimedia Streams
Issued	United States	11/090,596	7706413	3/28/2005	4/27/2010	SYNCHRONIZATION SYSTEM USING REDUNDANT CLOCK SIGNALS FOR EQUIPMENT OF
Issued	United States	11/091,532	7616898	3/29/2005	11/10/2009	METHOD OF OPERATING AN OPTICAL TRANSMISSION SYSTEM WITH A BIT-TO-BIT
Issued	United States	11/092,728	7545731	3/30/2005	6/9/2009	VIRTUAL BUFFER SIZE MANAGEMENT SYSTEM FOR THE TRANSMISSION OF BLOCKS OF
Issued	United States	11/092,745	7539122	3/30/2005	5/26/2009	DISPOSITIF ET PROCEDE PERFECTIONNES DE GESTION DE TRANSMISSION DE BLOCS DE
Issued	United States	11/093,010	7508577	3/29/2005	3/24/2009	Method And System For Suppressing ASE Noise
Issued	United States	11/094,436	8111698	3/31/2005	2/7/2012	Method Of Performing A Layer Operation In A Communications Network
Issued	United States	11/096,022	7106923	3/31/2005	9/12/2006	DISPERSION COMPENSATOR
Issued	United States	11/096,201	7483386	3/31/2005	1/27/2009	Adaptive Threshold Setting For Discontinuous Transmission Detection
Issued	United States	11/112,247	7221931	4/22/2005	5/22/2007	Network Support For Electronic Passports
Issued	United States	11/116,510	7711007	4/28/2005	5/4/2010	Method And Apparatus For Synchronous Switching Of Optical Transport Network
Issued	United States	11/117,788	8379509	4/29/2005	2/19/2013	Electronic Device Protection Systems And Methods
Issued	United States	11/118,728	7680495	4/29/2005	3/16/2010	Method And Apparatus For Designing Various Network Configuration Scenarios
Issued	United States	11/126,504	8953499	5/11/2005	2/10/2015	METHOD AND APPARATUS FOR ESTABLISHING SPANNING TREES
Issued	United States	11/131,755	7535999	5/18/2005	5/19/2009	Voice Mail Bridging In Communication Systems
Issued	United States	11/132,372	7460869	5/19/2005	12/2/2008	ADAPTIVE DVB-H HANDOVER ALGORITHM MEASUREMENT INTERVAL
Issued	United States	11/133,096	7245675	5/19/2005	7/17/2007	Upstream Data Transmission
Issued	United States	11/133,097	7167518	5/19/2005	1/23/2007	BANDWIDTH-EFFICIENT MODULATION IN COMMUNICATION SYSTEMS
Issued	United States	11/133,099	7272174	5/19/2005	9/18/2007	Upstream Data Transmission
Issued	United States	11/133,100	7564822	5/19/2005	7/21/2009	Method Of Reverse Link Transmission In A Wireless Network Using Code And
Issued	United States	11/133,598	7744324	5/20/2005	6/29/2010	CUP WASHER FOR A FASTENER
Issued	United States	11/135,707	7702958	5/24/2005	4/20/2010	Auto-Recording Tool For Developing Test Harness Files
Issued	United States	11/137,505	7808966	5/26/2005	10/5/2010	DEVICE EMPLOYMENT OF MULTIPLE BEACON SLOTS IN A DISTRIBUTED NETWORK
Issued	United States	11/137,524	7423852	5/25/2005	9/9/2008	Apparatus For Providing Holdover Power
Issued	United States	11/138,007	9054807	5/26/2005	6/9/2015	Reducing Crosstalk In Optical Wavelength Converters
Issued	United States	11/139,692	8045453	5/31/2005	10/25/2011	Methods And Systems For Alleviating Congestion In A Connection-Oriented Data
Issued	United States	11/141,546	7644165	5/31/2005	1/5/2010	Method And Apparatus For SIP Messaging
Issued	United States	11/143,720	8032133	6/3/2005	10/4/2011	UNC-PS SELECTION
Issued	United States	11/147,194	7336927	6/8/2005	2/26/2008	Ad-hoc extensions of a cellular air interface
Issued	United States	11/147,372	7948952	6/8/2005	5/24/2011	CONTROLLING SERVICES IN A PACKET DATA NETWORK
Issued	United States	11/150,835	7199503	6/10/2005	4/3/2007	ENERGY SAVING DRIVING CIRCUIT FOR PIEZOELECTRIC MOTOR
Issued	United States	11/165,992	7493030	6/24/2005	2/17/2009	ADAPTIVE OPTICAL PLANE FORMATION WITH ROLLING SHUTTER
Issued	United States	11/166,790	8045047	6/23/2005	10/25/2011	METHOD AND APPARATUS FOR DIGITAL IMAGE PROCESSING OF AN IMAGE HAVING
Issued	United States	11/167,176	7603650	6/28/2005	10/13/2009	METHODS AND SYSTEMS FOR MANAGING NETWORKS
Issued	United States	11/169,194	7636309	6/28/2005	12/22/2009	MULTI-PATH ROUTING USING INTRA-FLOW SPLITTING
Issued	United States	11/170,099	7385947	6/30/2005	6/10/2008	HOT SPOT GSM NETWORK
Issued	United States	11/170,730	8559928	6/29/2005	10/15/2013	FAMILY CARDS IN PHONE BOOK

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Issued	United States	11/172,222	8407593	6/29/2005	3/26/2013	AN APPLICATION PERSONALISATION TOOL WITH A MODEL-BASED DYNAMIC UI
Issued	United States	11/172,471	7535839	6/30/2005	5/19/2009	Method And Apparatus For Quality-Of-Service Based Admission Control Using
Issued	United States	11/172,546	7706803	6/30/2005	4/27/2010	Network Support For RF Backhaul For Very Remote Base Stations
Issued	United States	11/179,607	7545768	7/13/2005	6/9/2009	USE OF GENERIC AUTHENTICATION ARCHITECTURE FOR MOBILE IPV4
Issued	United States	11/180,736	7522845	7/14/2005	4/21/2009	WDM Laser Wavelength Control
Issued	United States	11/180,812	7814634	7/13/2005	10/19/2010	ELECTRICAL CONNECTOR EXTRACTION AND/OR INSERTION TOOL
Issued	United States	11/193,455	7707474	8/1/2005	4/27/2010	OUTER LOOP POWER CONTROL WITH TRANSPORT BLOCK DIVERSITY TRANSMISSION
Issued	United States	11/194,748	7660315	8/1/2005	2/9/2010	Characterizing Achievable Flow Rates In Multi-Hop Mesh Networks With Orthogonal
Issued	United States	11/197,306	7764743	8/5/2005	7/27/2010	METHODS OF CHANNEL CODING FOR COMMUNICATION SYSTEMS
Issued	United States	11/200,267	7412158	8/8/2005	8/12/2008	DEEPER DOF FOR VIDEO
Issued	United States	11/207,801	7613920	8/22/2005	11/3/2009	Mechanism To Avoid Expensive Double-Encryption In Mobile Networks
Issued	United States	11/212,131	7558229	8/25/2005	7/7/2009	Method For Reducing Discarded Slots And Frames In A Wireless Communications
Issued	United States	11/212,661	7719957	8/29/2005	5/18/2010	Resiliency In Minimum Cost Tree-Based VPLS Architecture
Issued	United States	11/217,625	7043123	9/1/2005	5/9/2006	Integrateable Band Filter Using Waveguide Grating Routers
Issued	United States	11/221,068	7609981	9/7/2005	10/27/2009	Deliberate Signal Degradation For Optimizing Receiver Control Loops
Issued	United States	11/221,786	7751423	9/9/2005	7/6/2010	DELAY-DIFFERENTIATED SCHEDULING
Issued	United States	11/224,057	7619992	9/13/2005	11/17/2009	Low Latency Working VPLS
Issued	United States	11/225,516	7366178	9/13/2005	4/29/2008	Method And Apparatus For Scheduling Data Packet Transmission Over A Multihop
Issued	United States	11/225,777	7542536	9/23/2005	6/2/2009	Resampler For A Bit Pump And Method Of Resampling A Signal Associated Therewith
Issued	United States	11/227,992	7403322	9/14/2005	7/22/2008	MEMS-Based Alignment Of Optical Components
Issued	United States	11/230,068				SLIDE AS A CAMERA SELECTOR IN A PHONE WITH TWO CAMERAS
Issued	United States	11/233,587				Method And Apparatus For Quantifying An Impact Of A Disaster On A Network
Issued	United States	11/231,920				Method And System For Ultra-High Bit Rate Fiber-Optic Communications
Issued	United States	11/234,361		9/27/2005		SEEKABLE SEARCH WINDOW BASED (DE)COMPRESSION
Issued	United States	11/236,291	7289697	9/29/2005	10/30/2007	DEDICATED BANDWIDTH DATA COMMUNICATION SWITCH BACKPLANE
Issued	United States	11/238,919	7603259	9/29/2005	10/13/2009	Signal Identification Method
Issued	United States	11/239,656	7609976	9/30/2005	10/27/2009	Increasing The Range of Access Point Cells For A Given Throughput In A Downlink Of A
Issued	United States	11/241,684	9131371	9/30/2005	9/8/2015	Rogue Access Point Detection In Wireless Networks
Issued	United States	11/241,896	7599714	9/30/2005	10/6/2009	Method And Apparatus For Managing A Random Access Communication System
Issued	United States	11/242,884	7716740	10/5/2005	5/11/2010	SYSTEM AND METHOD FOR MEASURING SVG DOCUMENT SIMILARITY
Issued	United States	11/244,778	7283709	10/6/2005	10/16/2007	Method And Apparatus For Controlling Curvatures Of Microlenses And Micromirrors
Issued	United States	11/245,463	7471949	10/6/2005	12/30/2008	Process For Migrating A Mobile Station Identity From A Mobile Identification Number
Issued	United States	11/245,761	7649670	10/7/2005	1/19/2010	Integrated Microelectromechanical Wavelength Selective Switch And Method Of
Issued	United States	11/245,859	7403951	10/7/2005	7/22/2008	Optical Pulse Shaper Having Hybrid Planar Lightwave Circuit And Free-Space Optics
Issued	United States	11/250,338	7511467	10/14/2005	3/31/2009	DETECTION OF LIGHTNING
Issued	United States	11/251,258	7254484	10/14/2005	8/7/2007	DETECTION OF LIGHTNING
Issued	United States	11/252,906	7614068	10/18/2005	11/3/2009	PRIORITIZATION OF ELECTRONIC SERVICE GUIDE CAROUSELS
Issued	United States	11/255,953	7603377	10/24/2005	10/13/2009	Methods and Data Structure for Indexed Storage of Hierarchically Interrelated
Issued	United States	11/260,890	7948917	10/27/2005	5/24/2011	Routing Internet Communications Using Network Coordinates
Issued	United States	11/262,741	7505445	11/1/2005	3/17/2009	MISUSE DETECTOR FOR FLIGHT SAFE MODE
Issued	United States	11/267,992	7620400	11/7/2005	11/17/2009	Inter-System Message Delivery For SMS Text Messages
Issued	United States	11/269,251	7463650	11/7/2005	12/9/2008	Method And Apparatus For Segmentation And Reassembly Of Data Packets In A
Issued	United States	11/269,738	7620039	11/9/2005	11/17/2009	DISPOSITIF DE SELECTION D'INFORMATIONS DE ROUTAGE POUR UN ROUTEUR D'UN
Issued	United States	11/271,289	7835513	11/12/2005	11/16/2010	SS7 TELECOMMUNICATIONS NODE AND METHOD FOR SYNTHETIC GLOBAL TITLE
Issued	United States	11/274,612	8731914	11/15/2005	5/20/2014	SYSTEM AND METHOD FOR WINDING AUDIO CONTENT USING A VOICE ACTIVITY
Issued	United States	11/274,869	8285785	11/14/2005	10/9/2012	WORKSPACE VIEW
Issued	United States	11/274,956	9264455	11/15/2005	2/16/2016	Clustering Call Servers To Provide Protection Against Call Server Failure

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Status	Country	App. No.	Patent No.	Filed	Issued	Title
Issued	United States	11/279,281	9467530	4/11/2006	10/11/2016	METHOD, APPARATUS, NETWORK ENTITY, SYSTEM AND COMPUTER PROGRAM
Issued	United States	11/283,710	7639689	11/22/2005	12/29/2009	Method for exchanging packets of user data
Issued	United States	11/288,226	8079017	11/29/2005	12/13/2011	Automated QS Interface Testing Framework
Issued	United States	11/288,694	8477760	11/29/2005	7/2/2013	Method And Apparatus For Performing Active Packet Bundling In A Voice Over IP
Issued	United States	11/288,743	7633947	11/29/2005	12/15/2009	Method And Apparatus For Performing Active Packet Bundling In A Voice Over-IP
Issued	United States	11/290,227	8135836	11/30/2005	3/13/2012	The Resolution In Application Load Level Balancing
Issued	United States	11/290,873	7675899	11/30/2005	3/9/2010	Packet-Aware Transport Architecture For Enhanced Data Volume
Issued	United States	11/293,885	9002342	12/2/2005	4/7/2015	System, apparatus, and method for dynamically customizing and configuring
Issued	United States	11/294,731	8214640	12/5/2005	7/3/2012	METHOD OF EMBEDDING INFORMATION IN IMPLEMENTATION DEFINED SIP HEADER
Issued	United States	11/296,324	7515102	12/8/2005	4/7/2009	TERMINAL GPS/WIFI
Issued	United States	11/296,996	7733923	12/8/2005	6/8/2010	Wide-Bandwidth Mode-Locked Laser
Issued	United States	11/297,198	7471116	12/8/2005	12/30/2008	Dynamic Constant Folding Of A Circuit
Issued	United States	11/300,474	7599628	12/15/2005	10/6/2009	Method for modulating an optical signal and optical transmitter
Issued	United States	11/301,388	7486895	12/13/2005	2/3/2009	An Effective Control Algorithm For Optical Polarization Model Dispersion
Issued	United States	11/301,714	7724660	12/13/2005	5/25/2010	Communication Traffic Congestion Management Systems and Methods
Issued	United States	11/302,259	7295774	12/14/2005	11/13/2007	Performance monitoring for optical links
Issued	United States	11/306,425	7613125	12/16/2005	11/3/2009	Method And Apparatus For Temporal Alignment Of Multiple Parallel Data Streams
Issued	United States	11/313,258	8412249	12/20/2005	4/2/2013	Resource Allocation Based On Interference Mitigation In A Wireless Communication
Issued	United States	11/313,748	7312993	12/22/2005	12/25/2007	Electronics Equipment Cabinet
Issued	United States	11/315,512	8565095	12/22/2005	10/22/2013	Context Controlled Data Tap Utilizing Parallel Logic For Integrated Link Monitoring
Issued	United States	11/315,544	8228956	12/22/2005	7/24/2012	Time Stamp Offset In Data Packet Bundling
Issued	United States	11/317,481	7698981	12/22/2005	4/20/2010	FORCED PREMATURE DETONATION OF IMPROVISED EXPLOSIVE DEVICES VIA NOISE
Issued	United States	11/318,188	7541953	12/23/2005	6/2/2009	Self-Calibrating Current Source Arrays
Issued	United States	11/319,630	7938907	12/29/2005	5/10/2011	DEVICE FOR FABRICATING A MASK BY PLASMA ETCHING A SEMICONDUCTOR
Issued	United States	11/320,568	7489734	12/29/2005	2/10/2009	A HYBRID ZF/FDE EQUALIER
Issued	United States	11/321,151	7453629	12/29/2005	11/18/2008	Semiconductor Optical Amplifier Pulse Reshaper
Issued	United States	11/322,124	7756101	12/30/2005	7/13/2010	EFFICIENT RESOLUTION OF RELINQUISHMENT REQUESTS IN A WIRELESS
Issued	United States	11/323,317	9172629	12/29/2005	10/27/2015	Classifying Packets
Issued	United States	11/324,224	7596167	1/4/2006	9/29/2009	RESOURCE ALLOCATION FOR MULTI-ANTENNA SYSTEMS BASED ON FEEDBACK
Issued	United States	11/328,725	7757296	1/10/2006	7/13/2010	METHOD OF MANAGING SOFTWARE COMPONENTS THAT ARE INTEGRATED INTO AN
Issued	United States	11/329,581	7629551	1/11/2006	12/8/2009	Automatic Recycling Of Exhaust Tubes For Fiber Optics
Issued	United States	11/332,761	7782862	1/13/2006	8/24/2010	Method For Controlling Packet Delivery In A Packet Switched Network
Issued	United States	11/333,105	7123402	1/17/2006	10/17/2006	CLONING OPTICAL-FREQUENCY COMB SOURCES
Issued	United States	11/340,527	7689222	1/27/2006	3/30/2010	METHOD OF MANAGING USE OF CHANNELIZATION CODES DURING SOFT HANDOFF
Issued	United States	11/342,471	7650053	1/30/2006	1/19/2010	Chromatic Dispersion Compensation Using Wavelength Tunable Transmitter
Issued	United States	11/343,770	8284759	1/31/2006	10/9/2012	System And Method For Compressing Voice Over IP Headers
Issued	United States	11/345,259	7549078	1/31/2006	6/16/2009	Redundancy In Routing Devices
Issued	United States	11/350,866	7653857	2/10/2006	1/26/2010	POWER CONTROL OF PACKET DATA TRANSMISSION IN CELLULAR NETWORK
Issued	United States	11/350,992	7608827	2/9/2006	10/27/2009	Near-Field Terahertz Imaging
Issued	United States	11/354,526	7375375	2/15/2006	3/4/2008	METHOD FOR FORMING A BACK-DRILLED PLATED THROUGH HOLE IN A PRINTED
Issued	United States	11/354,925	7631077	2/16/2006	12/8/2009	Method for providing harmonized public, security and safety services and
Issued	United States	11/356,120	7756260	2/17/2006	7/13/2010	METHOD FOR PROVIDING FEATURES TO THE USER OF A TELEPHONE, A CENTRAL UNIT
Issued	United States	11/367,141	7660537	3/3/2006	2/9/2010	Simultaneous Electrical Pre-Compensation Of Self-Phase Modulation And Chromatic
Issued	United States	11/367,401	7885398	3/6/2006	2/8/2011	MULTIPLE CRITERIA BASED LOAD BALANCING
Issued	United States	11/367,414	7512776	3/6/2006	3/6/2009	Optimized Control Plane Signalling For A High Availability Network Device In A
Issued	United States	11/368,790	8150412	3/6/2006	4/3/2012	Interference Mitigation In A Wireless Communication System
Issued	United States	11/370,618	7613938	3/8/2006	11/3/2009	Power Cycle Circuit

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Status	Country	App. No.	Patent No.	Filed	Issued	Title
Issued	United States	11/372,240	7515016	3/9/2006	4/7/2009	Reconfiguring Impedance Matching For High Power Circuits
Issued	United States	11/372,895	7957272	3/10/2006	6/7/2011	Method And Apparatus For Coincidence Counting For Estimating Flow Statistics
Issued	United States	11/376,085	8078116	3/16/2006	12/13/2011	Method Of Analyzing The Operation Of A Cellular Mobile Telecommunications
Issued	United States	11/376,928	7280882	3/16/2006	10/9/2007	Systems And Methods For Forecasting Demand For A Subcomponent
Issued	United States	11/379,507	7449649	5/23/2006	11/11/2008	Liquid Switch
Issued	United States	11/384,206	777728	3/17/2006	8/17/2010	USING HAND MOVEMENT PATTERNS AND LANGUAGE FREQUENCIES TO ASSIST
Issued	United States	11/386,148	7248876	3/21/2006	7/24/2007	MENETELMÉ JA LAITE SOLUKKOVERKON TUKIASEMAN PEITTOALUEEN
Issued	United States	11/386,806	7500196	3/23/2006	3/3/2009	Method and System For Generating Route Distinguishers And Targets For A Virtual
Issued	United States	11/387,165	7746784	3/23/2006	6/29/2010	METHOD AND APPARATUS FOR IMPROVING TRAFFIC DISTRIBUTION IN LOAD-
Issued	United States	11/387,321	7539133	3/23/2006	5/26/2009	Method And Apparatus For Preventing Congestion In Load-Balancing Networks
Issued	United States	11/392,459	8373967	3/29/2006	2/12/2013	High-Speed Differential AC Coupling Device
Issued	United States	11/392,736	7889656	3/30/2006	2/15/2011	BINNED DURATION FLOW TRACKING
Issued	United States	11/394,261	7734949	3/30/2006	6/8/2010	Information Error Recovery Apparatus and Methods
Issued	United States	11/394,372	7729257	3/30/2006	6/1/2010	Method And Apparatus For Link Transmission Scheduling For Handling Traffic Variation
Issued	United States	11/395,304	7450289	4/3/2006	11/11/2008	Low power driver circuit for a polarization scrambler
Issued	United States	11/395,455	9219686	3/31/2006	12/22/2015	Network Load Balancing And Overload Control
Issued	United States	11/398,111	7676550	4/5/2006	3/9/2010	MULTIPLE ACCESS PRESENCE AGENT
Issued	United States	11/398,555	8135587	4/6/2006	3/13/2012	Estimating The Noise Components Of A Signal During Periods Of Speech Activity
Issued	United States	11/401,246	7965726	4/11/2006	6/21/2011	METHODS AND APPARATUS TO FACILITATE REAL-TIME PACKET SCHEDULING IN A
Issued	United States	11/401,809	7464101	4/11/2006	12/9/2008	Fuzzy Alphanumeric Search Apparatus And Method
Issued	United States	11/402,019	7187322	4/12/2006	3/6/2007	RADIO NAVIGATION SYSTEM USING A CONSTELLATION OF POSITIONING SATELLITES
Issued	United States	11/402,283	7937417	4/11/2006	5/3/2011	MOBILE COMMUNICATION TERMINAL AND METHOD
Issued	United States	11/410,102	7738863	4/25/2006	6/15/2010	MOBILE TV CLIENT MIDDLEWARE
Issued	United States	11/412,084	7636357	4/27/2006	12/22/2009	METHOD OF COLLECTING CONSISTENT FLOW STATISTICS THROUGH MULTIPLE
Issued	United States	11/412,085	7756028	4/27/2006	7/13/2010	PULSED BACKPRESSURE MECHANISM FOR REDUCED FIFO UTILIZATION
Issued	United States	11/412,143	7649906	4/27/2006	1/19/2010	Method Of Reducing Buffer Usage By Detecting Missing Fragments And Idle Links For
Issued	United States	11/413,612	7912452	4/28/2006	3/22/2011	Authenticating A Removable User Identity Module To An Internet Protocol Multimedia
Issued	United States	11/413,763	7801087	4/27/2006	9/21/2010	METHOD OF TRANSMITTING CONTROL SIGNALS IN A DIGITAL COMMUNICATIONS
Issued	United States	11/414,402	7701919	5/1/2006	4/20/2010	Method Of Assigning Uplink Reference Signals, And Transmitter And Receiver Thereof
Issued	United States	11/414,725	8416691	4/27/2006	4/9/2013	Associating Hosts With Subscriber And Service Based Requirements
Issued	United States	11/415,725	8102882	5/2/2006	1/24/2012	SUBCARRIER TRUNCATING DATA TRANSMISSION SCHEME IN OFDM SYSTEM
Issued	United States	11/420,062	7764977	5/24/2006	7/27/2010	MEMORY CARD REMOVAL GUARD
Issued	United States	11/421,541	7610195	6/1/2006	10/27/2009	DECODING OF PREDICTIVELY CODED DATA USING BUFFER ADAPTATION
Issued	United States	11/425,196	7725104	6/20/2006	5/25/2010	Local Calling Area Determination In Wireless Networks
Issued	United States	11/426,035	7440170	6/23/2006	10/21/2008	Method And Apparatus For Monitoring Optical Signal-To-Noise Ratio
Issued	United States	11/427,639	7660606	6/29/2006	2/9/2010	METHOD OF CONTROLLING MOBILE UNIT RESPONSE MESSAGES ON AN ACCESS
Issued	United States	11/428,159	8284204	6/30/2006	10/9/2012	A UNIFIED GRAPHICS PIPELINE FOR STEREOSCOPIC RENDERING
Issued	United States	11/435,664	7680075	5/17/2006	3/16/2010	Identification Of Base Stations
Issued	United States	11/435,665	7929487	5/17/2006	4/19/2011	Method And Apparatus For Cellular Communication Over Data Networks
Issued	United States	11/437,907	7706696	5/19/2006	4/27/2010	Pilot Tone Bias Control
Issued	United States	11/437,965	7679924	5/19/2006	3/16/2010	Configurable Chassis Guidance System and Method
Issued	United States	11/440,531	8320924	5/25/2006	11/27/2012	INTERFERENCE CONTROL IN A COMMUNICATION SYSTEM
Issued	United States	11/443,101	8284656	5/31/2006	10/9/2012	System And Method For Resilient VPLS Over Multi-Nodal APS Protected Provider Edge
Issued	United States	11/444,105	7873158	5/31/2006	1/18/2011	POLLED GEOFENCING AND DISTINGUISHED RING-BACK
Issued	United States	11/444,735	7613104	5/31/2006	11/3/2009	METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT PROVIDING
Issued	United States	11/445,861	7469867	6/2/2006	12/30/2008	Wall-Mountable Support Bracket For A Component Unit Of A Base Station For Wireless
Issued	United States	11/446,264	8774099	6/5/2006	7/8/2014	BASE STATION AND METHOD FOR ALLOCATING HS-DSCH CHANNELISATION CODES IN

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Status	Country	App. No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	11/447,267	7568126	6/6/2006	7/28/2009	CONTROLLED DISPLAY MODE DIAGNOSTIC TOOL FOR COMMUNICATION NETWORKS
Issued	United States	11/452,200	7668460	6/14/2006	2/23/2010	A Method of Avoiding Amplified Spontaneous Emission Loops in an Optical Network
Issued	United States	11/452,690	8023634	6/14/2006	9/20/2011	AutoDialer Flow Control
Issued	United States	11/453,800	7643459	6/16/2006	1/5/2010	Methods, Devices And Architectures For Establishing Peer-To-Peer Sessions
Issued	United States	11/453,875	9030968	6/16/2006	5/12/2015	System And Method For Processing A Conference Session Through A Communication
Issued	United States	11/462,152	7946491	8/3/2006	5/24/2011	METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR PROVIDING A
Issued	United States	11/463,609	8265633	8/10/2006	9/11/2012	USER DEFINABLE INTERNATIONAL CALL OPERATOR ID
Issued	United States	11/463,718	7609655	8/10/2006	10/27/2009	FACILITATING TOPOLOGY CHANGE FUNCTIONALITY WHEN REGIONAL ROOT
Issued	United States	11/468,189	8385517	8/29/2006	2/26/2013	REPLYING THROUGH DIFFERENT CHANNELS
Issued	United States	11/471,964	7764927	6/21/2006	7/27/2010	METHOD AND APPARATUS FOR CONTROLLING ENCODING OF A DIGITAL VIDEO
Issued	United States	11/473,497	9277060	6/23/2006	3/1/2016	SHOWING CONTEXTUAL INFORMATION ABOUT AN INCOMING PHONE CALLBY
Issued	United States	11/474,228	7800664	6/23/2006	9/21/2010	DIGITAL PHOTOGRAPHIC INSTRUMENT, METHOD FOR ADJUSTING FOCUS OF DIGITAL
Issued	United States	11/474,591	8189544	6/26/2006	5/29/2012	Method Of Creating Security Associations In Mobile IP Networks
Issued	United States	11/474,611	7650160	6/26/2006	1/19/2010	DETERMINING LATENCY ASSOCIATED WITH PUSH-TO-TALK COMMUNICATIONS
Issued	United States	11/475,119	7633443	6/27/2006	12/15/2009	ESTIMATING LOCATION OF A COMMUNICATIONS DEVICE
Issued	United States	11/477,512	7606043	6/28/2006	10/20/2009	ROCKER KEY IN A PORTABLE ELECTRONIC DEVICE
Issued	United States	11/477,765	7508244	6/30/2006	3/24/2009	VIRTUALLY FRACTIONAL PLL
Issued	United States	11/482,083	7720140	7/7/2006	5/18/2010	A METHOD FOR INVERTING CIRCULANT HERMITIAN MATRICES BASED ONTYPE 1
Issued	United States	11/482,624	7468973	7/7/2006	12/23/2008	Switch Data Transform To IMS Process
Issued	United States	11/483,182	7567604	7/10/2006	7/28/2009	OPTICAL DEVICE WITH INTEGRATED SEMI-CONDUCTOR LASER SOURCE AND
Issued	United States	11/483,183	7375879	7/10/2006	5/20/2008	STRUCTURE WITH SATURABLE OPTICAL ABSORBENT FOR DEVICE FOR REGENERATING
Issued	United States	11/483,403	8027304	7/6/2006	9/27/2011	SECURE SESSION KEYS CONTEXT
Issued	United States	11/483,720	7742534	7/11/2006	6/22/2010	METHOD FOR TRANSMITTING USER DATA IN A MULTI-CARRIER RADIO
Issued	United States	11/493,566	7630700	7/27/2006	12/8/2009	MULTI-FUNCTION PASSIVE FREQUENCY MIXER
Issued	United States	11/503,661	9438436	8/14/2006	9/6/2016	Broadcast Anchor Availability Indication
Issued	United States	11/509,301	7667905	8/23/2006	2/23/2010	Ultra compact zoom camera concept
Issued	United States	11/509,406	8098643	8/24/2006	1/17/2012	Method Of Increasing The Capacity Of The Forward Link MAC Channel In A Wireless
Issued	United States	11/518,694	7455021	9/11/2006	11/25/2008	Method And Apparatus For Controlling Friction Between A Fluid And A Body
Issued	United States	11/519,142	8120133	9/11/2006	2/21/2012	Micro-Actuator And Locking Switch
Issued	United States	11/519,426	7474884	9/11/2006	1/6/2009	A RECEIVER
Issued	United States	11/521,690	8155156	9/15/2006	4/10/2012	Synchronization Recovery For Multiple-Link Communications
Issued	United States	11/522,785	7965945	9/15/2006	6/21/2011	Flexible Dispersion Mapping
Issued	United States	11/527,326	7796806	9/25/2006	9/14/2010	REMOVING SINGLET AND COUPLET DEFECTS FROM IMAGES
Issued	United States	11/529,233	8467501	9/29/2006	6/18/2013	Method For Playing A Personalized Clip
Issued	United States	11/529,417	7639679	9/29/2006	12/29/2009	PACKET-SWITCHED SYSTEM FOR COMMUNICATION NETWORK NODE
Issued	United States	11/531,011	7485870	9/12/2006	2/3/2009	Pneumatic Infrared Detector
Issued	United States	11/534,029	7583894	9/21/2006	9/1/2009	Interferometric Operation Of Electroabsorption Modulators
Issued	United States	11/536,315	8295186	9/28/2006	10/23/2012	Individual End-To-End D/DV/L Measurement In IP Multicast
Issued	United States	11/536,701	7996222	9/29/2006	8/9/2011	PROSODY CONVERSION
Issued	United States	11/550,555	8391892	10/18/2006	3/5/2013	Footprints
Issued	United States	11/553,159	7707470	10/26/2006	4/27/2010	Failure Simulation Based On System Level Boundary Scan Architecture
Issued	United States	11/554,626	7995918	10/31/2006	8/9/2011	Polarization Mode Dispersion Monitoring And Fault Correlation
Issued	United States	11/554,911	7817858	10/31/2006	10/19/2010	COMMUNICATION TERMINAL
Issued	United States	11/556,753	7869686	11/6/2006	1/11/2011	AMPLIFYING OPTICAL FIBER
Issued	United States	11/559,015	7873272	11/13/2006	1/18/2011	OPTICAL PULSE CHARACTERIZATION USING PHASE MODULATION
Issued	United States	11/564,125	7653307	11/28/2006	1/26/2010	OPTICAL SWITCHING DEVICE FOR A TRANSPARENT NODE OF HIGH SWITCHING
Issued	United States	11/564,931	8693957	11/30/2006	4/15/2014	Methods And Apparatus For Instability Detection In Inter-Domain Routing

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Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	11/565,772	7936675	12/1/2006	5/3/2011	Bandwidth Packing Rate Controller For Optimizing Resource Utilization
Issued	United States	11/567,702	7853266	12/6/2006	12/14/2010	METHOD AND DEVICE FOR MANAGEMENT OF AN OVERLOAD IN A CELL OF A RADIO
Issued	United States	11/571,039	8593949	2/7/2007	11/26/2013	METHOD FOR MANAGING AN INTERCONNECTION BETWEEN TELECOMMUNICATION
Issued	United States	11/583,002	7933606	10/19/2006	4/26/2011	MULTI-LEVEL OUTER LOOP ALGORITHM TO HANDLE TREE-BASED CQI MEASUREMENT
Issued	United States	11/583,273	7643446	10/18/2006	1/5/2010	Route Optimization Of Media Channel In Mobile Wireless Network
Issued	United States	11/584,627	7764630	10/23/2006	7/27/2010	METHOD FOR AUTOMATICALLY DISCOVERING A BUS SYSTEM IN A MULTIPOINT
Issued	United States	11/590,464	8098798	10/31/2006	1/17/2012	Logging Call Data For Failed Emergency Calls
Issued	United States	11/591,484	8060913	11/2/2006	11/15/2011	POLICY EXECUTION
Issued	United States	11/592,102	8055977	11/1/2006	11/15/2011	APPARATUS, METHOD AND COMPUTER PROGRAM PRODUCT PROVIDING SUB-
Issued	United States	11/596,099	7903622	11/9/2006	3/8/2011	NETWORK SYSTEM
Issued	United States	11/598,219	7889266	11/10/2006	2/15/2011	IMAGE CAPTURE IN AUTO-FOCUS DIGITAL CAMERAS
Issued	United States	11/604,722	7613753	11/28/2006	11/3/2009	PLATFORM AND METHOD FOR FUNCTIONAL PROGRAMMING (FP) PROCESSING
Issued	United States	11/606,093	8166156	11/30/2006	4/24/2012	FAILURE DIFFERENTIATION AND RECOVERY IN DISTRIBUTED SYSTEMS
Issued	United States	11/614,054	7672588	12/20/2006	3/2/2010	RING OPTICAL TRANSMISSION NETWORK ACCESS NODE
Issued	United States	11/614,140	9204403	12/21/2006	12/1/2015	Power Overload Control Method Useful With High Speed Downlink Packet Access
Issued	United States	11/615,150	8112085	12/22/2006	2/7/2012	RULES FOR HIBERNATION ANCHOR SELECTION IN WINET (UWB)
Issued	United States	11/615,953	7652816	12/23/2006	1/26/2010	A Method for Network Upgrade Using Amplified Spontaneous Emission (ASE) Sources
Issued	United States	11/616,474	8243631	12/27/2006	8/14/2012	AUTOMATIC ROOM DETECTION FOR A MULTI-MOBILE PHONE TELECONFERENCE IN A
Issued	United States	11/616,917	8995053	12/28/2006	3/31/2015	TECHNIQUES TO INCREASE COVERAGE OF PUSH-TO-TALK WIRELESS NETWORKS
Issued	United States	11/617,072	7646338	12/28/2006	1/12/2010	Network Service Version Management
Issued	United States	11/617,310	8699824	12/28/2006	4/15/2014	BUFFERING TIME DETERMINATION
Issued	United States	11/618,105	8750177	12/29/2006	6/10/2014	Positive Optical Amplifier Power Transient Suppression
Issued	United States	11/624,204	8019383	1/17/2007	9/13/2011	METHOD OF OPTIMIZATION OF PROCESSING OF LOCATION DATA IN THE PRESENCE OF
Issued	United States	11/624,718	8214451	1/19/2007	7/3/2012	
Issued	United States	11/624,836	8050683	1/19/2007	7/19/2011	MULTI-FEATURE BASED SAMPLING FOR RELEVANCE FEEDBACK IN IMAGERETRIEVAL
Issued	United States	11/626,350	8204208	1/23/2007	6/19/2012	ENHANCING TIME KEEPING ACCURACY FOR LOW POWER GPS RECEIVERSUSED IN
Issued	United States	11/631,356	7535417	8/6/2007	5/19/2009	Priority Telephone Service Reversion And Notification
Issued	United States	11/634,944	8144607	12/7/2006	3/27/2012	LOCATION-BASED ADDRESS RESOLUTION
Issued	United States	11/635,762	8054796	12/8/2006	11/8/2011	UPLINK ACK CHANNEL USING CODE MULTIPLEXING IN OFDM AND OFDMA
Issued	United States	11/637,051	8098812	12/12/2006	1/17/2012	Method Of Controlling An Adaptation Of A Filter
Issued	United States	11/645,602	8050683	12/27/2006	11/1/2011	Method Of Determining When A Mobile Station Is Ready To Be Served During A
Issued	United States	11/646,190	7436580	12/27/2006	10/14/2008	Optical Buffer Employing Four-Wave Mixing
Issued	United States	11/646,857	8855548	12/28/2006	10/7/2014	WIRELESS COMMUNICATIONS SYSTEM AND METHOD
Issued	United States	11/647,366	9118819	12/29/2006	8/25/2015	Methods And Systems For Computing The Quality Of An MPEG-2 Video Stream
Issued	United States	11/647,614	7684346	12/29/2006	3/23/2010	COMMUNICATIONS CONTROL FOR EXTENDING THE PERIOD OVER WHICH A TERMINAL
Issued	United States	11/648,131	7973823	12/29/2006	7/5/2011	METHOD AND SYSTEM FOR IMAGE PRE-PROCESSING
Issued	United States	11/649,814	8649365	1/5/2007	2/11/2014	DEDICATED SYNCHRONIZATION SIGNAL FOR OFDMA SYSTEM
Issued	United States	11/651,213	7782901	1/9/2007	8/24/2010	Traffic Load Control In A Telecommunications Network
Issued	United States	11/651,520	7941146	1/10/2007	5/10/2011	Method For Handling Subscriber Input During Interswitch Handover In A
Issued	United States	11/651,824	7403670	1/10/2007	7/22/2008	Compact Optical Modulator
Issued	United States	11/653,980	8102838	1/17/2007	1/24/2012	Mechanism For Authentication Of Caller and Callee Using Ottoacoustic Emissions
Issued	United States	11/655,119	8103869	1/19/2007	1/24/2012	DISCOBUS: LATENCY INDEPENDENT TUNNELING OF I2C OVER A FAST BUS
Issued	United States	11/668,841	7889352	2/15/2007	2/15/2011	INTEGRATED POLARIZATION BEAM SPLITTER WITH QUARTER-WAVE PLATE FOR
Issued	United States	11/692,156	7725566	3/27/2007	5/25/2010	FRAMEWORK FOR ENABLING SERVICE TUNING FOR UPNP REMOTE ACCESS
Issued	United States	11/699,943	7774012	1/30/2007	8/10/2010	Method For RTP Setup Coordination For Talk Groups When Interconnecting Public
Issued	United States	11/700,534	7565038	1/31/2007	7/21/2009	Thermo-Optic Waveguide Apparatus
Issued	United States	11/701,182	8375109	1/31/2007	2/12/2013	Shortened DHCP Lease Time

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Status	Country	App. No.	Filing Date	Patent No.	Issue Date	Title
Issued	United States	11/702,451	2/5/2007	7463361	12/9/2008	Optical Apparatus Having A Polarization Splitter And Multiple Interferometers
Issued	United States	11/707,021	2/16/2007	7668527	2/23/2010	PASSIIVINEN MIKSERI, AGC-VAHVISTIN JA ALIP€ST...SUODATIN MULTIRADIOTA
Issued	United States	11/707,865	2/20/2007	7764938	7/27/2010	SIGNALING GENERATION THROUGH MULTIPLEXING
Issued	United States	11/708,297	2/20/2007	7974650	7/5/2011	Interoperability Between Different Types Of Wireless Networks For Push To Talk
Issued	United States	11/710,136	2/23/2007	8576702	11/5/2013	RECEIVING MULTICAST TRAFFIC AT NON-DESIGNATED ROUTERS
Issued	United States	11/711,545	2/27/2007	8126123	2/28/2012	Pre-Biller In Internet Protocol Multimedia Subsystem (IMS) Charging Gateway Function
Issued	United States	11/711,618	2/28/2007	7929510	4/19/2011	Method Of Scaling Soft Symbols Of An Uplink Enhanced Dedicated Transport Channel
Issued	United States	11/711,681	2/28/2007	8208963	6/26/2012	FEEDBACK ASSISTED CARRIER PHASE SYNCHRONIZATION FOR DISTRIBUTED
Issued	United States	11/712,161	2/27/2007	8432894	4/30/2013	Asymmetrical Forwarding In Layer 3 IP VPNs
Issued	United States	11/714,727	3/7/2007	8059582	11/15/2011	IMPROVING UMA CELL ACCESS
Issued	United States	11/717,090	3/13/2007	7697558	4/13/2010	EMERGENCY ALERT SYSTEM ENHANCEMENT USING ALERT SERVER AND METRO ATM
Issued	United States	11/717,977	3/14/2007	7718724	5/18/2010	Thermoplastic Composite Materials For Wear Surfaces And Methods For Making Same
Issued	United States	11/723,647	3/21/2007	8260335	9/4/2012	Method Of Constructing A Quickconfig Message In A 1xEvolution Data Only (1xEV-DO)
Issued	United States	11/724,235	3/15/2007	7769117	8/3/2010	3.9G RECEIVER WHICH BY-PASSES MOTOROLAÀS IRC PATENT
Issued	United States	11/725,011	3/16/2007	8041017	10/18/2011	Emergency Call Service With Automatic Third Party Notification And/Or Bridging
Issued	United States	11/736,578	4/17/2007	7949075	5/24/2011	System and method for serial data reception
Issued	United States	11/737,287	4/19/2007	7933211	4/26/2011	PRIORIZATION ATTRIBUTE FOR ALARMS, THAT HELPS RANKING THE ALARMS AND
Issued	United States	11/741,068	4/27/2007	8000306	8/16/2011	RANDOM ACCESS CHANNEL MESSAGE FORMAT FOR AN EXTENDED RANGE WIRELESS
Issued	United States	11/744,549	5/4/2007	7716534	5/11/2010	Methods And Apparatus For Measuring Performance In Processing System
Issued	United States	11/754,341	5/28/2007	7783193	8/24/2010	NOISE TONE AVOIDANCE IN OPTICAL NETWORKS
Issued	United States	11/756,970	6/1/2007	8204720	6/19/2012	Graph-Based Modeling Apparatus And Techniques
Issued	United States	11/758,477	6/5/2007	8027681	9/27/2011	METHOD AND APPARATUS TO ALLOW HAND-OFF FROM A MACROCELL TO A
Issued	United States	11/760,175	6/8/2007	7885351	2/8/2011	METHOD OF CORRECTING GAIN AND PHASE IMBALANCE OF A MULTI-CARRIER
Issued	United States	11/762,754	6/13/2007	8755803	6/17/2014	HANDOVER METHOD AND BASE STATION FOR A RADIO COMMUNICATION NETWORK
Issued	United States	11/765,155	6/19/2007	7750286	7/6/2010	Compact Image Projector
Issued	United States	11/770,315	6/28/2007	8295231	10/23/2012	Method Of Dynamic Resource Allocations In Wireless Systems
Issued	United States	11/770,894	6/29/2007	7941754	5/10/2011	MEDIA CONTENT DISTRIBUTION INDICATOR
Issued	United States	11/771,986	6/29/2007	8245203	8/14/2012	Logging System And Method For Computer Software
Issued	United States	11/772,039	6/29/2007	7760065	7/20/2010	MEMS DEVICE WITH BI-DIRECTIONAL ELEMENT
Issued	United States	11/772,135	6/30/2007	7822915	10/26/2010	MEMORY CONTROLLER FOR PACKET APPLICATIONS
Issued	United States	11/773,769	7/5/2007	7511660	3/31/2009	DEVICE FOR GENERATION OF INTEGRITY MESSAGES SIGNALING NOMINAL, DEGRADED
Issued	United States	11/775,622	7/10/2007	8085863	12/27/2011	EFFICIENT BALANCE ERROR CORRECTION
Issued	United States	11/775,675	7/10/2007	7489272	2/10/2009	DEVICE FOR GENERATION OF FORMAT DESCRIPTION MESSAGES OF FUTURE
Issued	United States	11/776,046	7/11/2007	7747285	6/29/2010	METHOD OF TRANSMIT BEAMFORMING FOR MULTICASTING IN A WIRELESS
Issued	United States	11/776,655	7/12/2007	7929455	4/19/2011	Optimization of Memory for EthOAM Multicast Entries
Issued	United States	11/777,261	7/12/2007	8085904	12/27/2011	Emergency Communication Method, Server, Network And Computer Program For
Issued	United States	11/778,250	7/16/2007	9197515	11/24/2015	Implementing Rating Timer Control In A Pre-Biller To Support On-Line And Off-Line
Issued	United States	11/779,608	7/18/2007	7640022	12/29/2009	TECHNIQUES FOR INTERFERENCE REDUCTION IN WIRELESS COMMUNICATIONS
Issued	United States	11/781,429	7/23/2007	7974531	7/5/2011	System and Method for Visualization and Determination of NE Customer Input to
Issued	United States	11/787,474	4/17/2007	8223126	7/17/2012	APPARATUSES AND METHODS FOR FACILITATING USER DESIGNATION OF DEVICE
Issued	United States	11/788,263	4/17/2007	7848924	12/7/2010	METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROVIDING VOICE
Issued	United States	11/789,287	4/24/2007	8042017	10/18/2011	Apparatus And Method For Practical And Efficient Broadcast In Mobile Ad Hoc
Issued	United States	11/794,504	6/2/2008	8144701	3/27/2012	METHOD AND DEVICE OF FRAME NUMBER ENCODING FOR SYNCHRONIZATION OF
Issued	United States	11/802,892	5/25/2007	8345847	1/1/2013	System And Method For Call Hibernation
Issued	United States	11/808,236	6/7/2007	8191106	5/29/2012	System And Method Of Network Access Security Policy Management For Multimodal
Issued	United States	11/808,902	6/13/2007	7764705	7/27/2010	INTERFERENCE CANCELLATION UNIT AND INTERFERENCE CANCELLATION METHOD
Issued	United States	11/814,768	10/1/2007	8428049	4/23/2013	Method For Setting Up An Emergency Call In A Computer Local Area Network,

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Issued	United States	11/817,381	8332856	4/1/2008	12/11/2012	Dual mode Real-Time and Paged Operating System
Issued	United States	11/817,386	8135938	8/7/2008	3/13/2012	Enabling Paging in a Real-Time OS
Issued	United States	11/818,136	7857267	6/13/2007	12/28/2010	UNIQUE MOUNTING FOR COMPUTER EQUIPMENT IN FRAMES
Issued	United States	11/820,890	8203955	6/21/2007	6/19/2012	Method And Apparatus For Scheduling Packets In An Orthogonal Frequency Division
Issued	United States	11/820,978	8274964	6/21/2007	9/25/2012	Adaptive Routing For Packet-Based Calls Using A Circuit-Based Call Routing
Issued	United States	11/823,660	8065429	6/28/2007	11/22/2011	SYSTEM, APPARATUS AND METHOD FOR ASSOCIATING AN ANTICIPATED SUCCESS
Issued	United States	11/824,114	7894337	6/29/2007	2/22/2011	METHOD AND SYSTEM FOR UNIFIED OVERLOAD AND OVERFLOW CONTROL TO
Issued	United States	11/824,469	8299900	6/29/2007	10/30/2012	Anonymous Tracking Using A Set Of Wireless Devices
Issued	United States	11/836,313	8667151	8/9/2007	3/4/2014	Bootstrapping Method For Setting Up A Security Association
Issued	United States	11/836,540	7916373	8/9/2007	3/29/2011	Tapered Reinforcing Struts For Micromachined Structures
Issued	United States	11/836,860	8154378	8/10/2007	4/10/2012	Thermal Actuator For A MEMS-Based Replay Switch
Issued	United States	11/850,454	8873947	9/5/2007	10/28/2014	Method And Apparatus For Determining Fiber Characteristics In An Optical
Issued	United States	11/864,560	8141471	9/28/2007	3/27/2012	Initial Strike-Face Layer For Armor, A Method Of Constructing An Armor Plate And
Issued	United States	11/865,020	9025330	9/30/2007	5/5/2015	Recirculating Gas Rack Cooling Architecture
Issued	United States	11/879,846	8130933	7/19/2007	3/6/2012	Method For Recovery From Linkset Failure In Telecommunications Network
Issued	United States	11/880,749	8218740	7/24/2007	7/10/2012	Method For Providing Hysteresis To Fluctuating Signaling Link
Issued	United States	11/884,305	7952639	5/6/2008	5/31/2011	PIEZOELECTRIC ACTUATOR ELEMENT FOR MICROMOVEMENT
Issued	United States	11/892,963	7920635	8/28/2007	4/5/2011	A CLIPPING ALGORITHM FOR WIRELESS TRANSMITTERS
Issued	United States	11/904,740	7986980	9/28/2007	7/26/2011	MULTIRADIO CONTROLLER ENHANCED POWER MANAGEMENT
Issued	United States	11/904,949	7733200	9/29/2007	6/8/2010	MEMS ACTUATOR
Issued	United States	11/905,239	8036128	9/28/2007	10/11/2011	A SYSTEM AND METHOD TO OVERLAY ADVANCED BACKPRESSURE TECHNIQUES ONTO
Issued	United States	11/905,247	9083915	9/28/2007	7/14/2015	3D Electronic Program Guide
Issued	United States	11/914,188	8306017	11/12/2007	11/6/2012	UMA CS/PS Split Architecture And Interface
Issued	United States	11/920,264	8532589	12/22/2008	9/10/2013	Beam-hopping in a radio communications system
Issued	United States	11/921,701	7970369	12/6/2007	6/28/2011	METHOD FOR EFFICIENT CHANNEL SEARCH
Issued	United States	11/930,840	8320383	10/31/2007	11/27/2012	Method And Apparatus For Providing Call Admission Control For VOIP Over Wireless
Issued	United States	11/940,377	8213792	11/15/2007	7/3/2012	Automatic ONT Self Disabling System, Method And Computer Readable Medium
Issued	United States	11/944,183	7548668	11/21/2007	6/16/2009	Programmable Optical Array
Issued	United States	11/946,541	8345804	11/28/2007	1/1/2013	Simplified RACH Preamble Detection Receiver
Issued	United States	11/955,100	7778218	12/12/2007	8/17/2010	DOWNLINK POWER CONTROL IN WCDMA
Issued	United States	11/957,765	8005654	12/17/2007	8/23/2011	METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR INTELLIGENT
Issued	United States	11/960,206	8255908	12/19/2007	8/28/2012	METHOD FOR COMPOSITING AND MANAGING A TASK PROVIDED TO AN APPLICATION
Issued	United States	11/967,756	7797823	12/31/2007	9/21/2010	HIGH DENSITY COMPONENT ASSEMBLY METHOD AND APPARATUS
Issued	United States	11/970,169	7920523	1/7/2008	4/5/2011	METHOD OF SUPPORTING QUALITY-OF-SERVICE APPLICATION SESSION CONTINUITY
Issued	United States	11/972,173	8751683	1/10/2008	6/10/2014	Failure Protection In A Provider Backbone Bridge Network Using Selective Redirection
Issued	United States	11/975,002	8023271	10/17/2007	9/20/2011	Improved Sealed Expansion Module
Issued	United States	11/976,802	8054802	10/29/2007	11/8/2011	Hand-Off Trigger At Access Technology Borders
Issued	United States	11/978,208	8095134	10/26/2007	1/10/2012	A PILOT MEASUREMENT METHOD DEPENDING ON CELL STATUS UNDER STATIC IC
Issued	United States	11/979,304	8315951	11/1/2007	11/20/2012	Identity Verification For Secure E-Commerce Transactions
Issued	United States	11/980,421	8145233	10/31/2007	3/27/2012	Methods Of Power Overload Control In Communication Systems
Issued	United States	11/982,991	8023438	11/6/2007	9/20/2011	ANALOGUE SIGNAL PATH MODELING IN SELF-INTERFERENCE CANCELLATION
Issued	United States	11/984,048	7860512	11/13/2007	12/28/2010	METHOD FOR MANAGING RADIO RESOURCES AND RADIO SYSTEM
Issued	United States	11/984,619	8060125	11/20/2007	11/15/2011	ENERGY EFFICIENT NETWORK SELECTION METHOD FOR MULTI RADIO DEVICE
Issued	United States	11/985,611	7860000	11/15/2007	12/28/2010	APPARATUS, METHODS AND COMPUTER PROGRAM PRODUCTS PROVIDING
Issued	United States	11/994,030	8230293	3/29/2009	7/24/2012	TIME SLICING BURST RECEPTION OPTIMIZATION
Issued	United States	11/998,607	7863912	11/30/2007	1/4/2011	CIRCUIT BOARD TESTING SYSTEM USING FREE SPACE OPTICAL COMMUNICATIONS
Issued	United States	11/999,254	7751135	12/3/2007	7/6/2010	PIEZOELECTRIC MOVEMENT OF A LENS

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Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	11/999,361	8121187	12/5/2007	2/21/2012	Method And Apparatus For Performing Multiple Bit Rate Video Encoding And Video
Issued	United States	12/000,151	7724756	12/10/2007	5/25/2010	A SYSTEM AND METHOD TO MONITOR FIFO CONTENTS TO MAXIMIZE I/O
Issued	United States	12/001,648	8195832	12/12/2007	6/5/2012	Facilitating Management of Layer 2 Hardware Address Table Based on Packet Priority
Issued	United States	12/002,920	8005472	12/19/2007	8/23/2011	METHOD OF REPORTING POOR RF COVERAGE IN A WIRELESS NETWORK
Issued	United States	12/005,314	8005046	12/27/2007	8/23/2011	SYSTEM AND METHOD FOR DYNAMIC FREQUENCY ALLOCATION FOR PACKET
Issued	United States	12/005,830	9170649	12/28/2007	10/27/2015	Audio and tactile feedback based on visual environment
Issued	United States	12/007,425	8811334	1/10/2008	8/19/2014	Methods For Idle Registration And Idle Handoff In A Femto Environment
Issued	United States	12/008,481	8938145	1/11/2008	1/20/2015	CONFIGURING OPTICAL LAUNCH POWERS IN OPTICAL FIBER TRANSMISSION LINES
Issued	United States	12/009,851	8247999	1/22/2008	8/21/2012	Time Division Multiplexing A DC-To-DC Voltage Converter
Issued	United States	12/011,908	8081567	1/30/2008	12/20/2011	Method And Apparatus For Detecting Wireless Data Subscribers Using Natted Devices
Issued	United States	12/012,338	8248941	2/1/2008	8/21/2012	METHOD, APPARATUS AND COMPUTER PROGRAM FOR UPLINK SCHEDULING IN A
Issued	United States	12/012,878	8606940	2/6/2008	12/10/2013	DHCP Address Conflict Detection/Enforcement
Issued	United States	12/014,303	7991941	1/15/2008	8/2/2011	MEMORY ACCESS ASSIST
Issued	United States	12/014,440	7680362	1/15/2008	3/16/2010	CMOS-Compatible Polarization-Diverse Tunable Optical Bandpass Filter
Issued	United States	12/017,041	8014668	1/20/2008	9/6/2011	METHOD AND SYSTEM FOR DISTRIBUTED MEASUREMENT AND COMPENSATION OF
Issued	United States	12/023,255	7768914	2/14/2008	8/3/2010	CELL SWITCHING DEVICE WITH NESTED PRIORITY TRANSMISSION MEANS.
Issued	United States	12/029,067	9100381	1/31/2008	8/4/2015	Method And Apparatus For Providing Virtual WiFi Access
Issued	United States	12/028,319	9524353	2/8/2008	12/20/2016	Method and System for Providing Portions of Information Content to a Client Device
Issued	United States	12/029,667	8605581	2/11/2008	12/10/2013	Method And Apparatus For Assigning Transcoding Resources In A Session Boarder
Issued	United States	12/031,208	8031721	2/12/2008	10/4/2011	USING DUAL RATE SCHEDULER TO MARK PROFILE STATE PER-PACKET
Issued	United States	12/035,636	7620275	2/22/2008	11/17/2009	Integrated Polarization Splitter/Combiner
Issued	United States	12/043,078	8109321	3/5/2008	2/7/2012	Integrated Tunable Optical Equalizer
Issued	United States	12/055,115	7609934	3/25/2008	10/27/2009	Modular Heat Sink Assembly Comprising A Larger Main Heat Sink Member Thermally
Issued	United States	12/058,859	7932727	3/31/2008	4/26/2011	IP mobility multihoming
Issued	United States	12/059,105	7720976	3/31/2008	5/18/2010	Test Structure To Monitor The Release Step In A Micromachining Process
Issued	United States	12/060,477	7765353	4/1/2008	7/27/2010	Peer-To-Peer Communication Between Different Types Of Internet Hosts
Issued	United States	12/062,926	8799239	4/4/2008	8/5/2014	SIMPLE IDENTIFICATION OF LOW-LEVEL SIGNALS BETWEEN CIRCUIT CARDS
Issued	United States	12/068,804	8243591	2/12/2008	8/14/2012	Method, Apparatus and Computer Program Product for Performing a Query Using a
Issued	United States	12/070,097	8761082	2/14/2008	6/24/2014	Method And Tool For Router Interface L2 Redundancy
Issued	United States	12/071,153	8717966	2/15/2008	5/6/2014	Release of resources in a communication system
Issued	United States	12/071,378	8654735	2/20/2008	2/18/2014	APPARATUS, METHODS, AND COMPUTER PROGRAM PRODUCTS PROVIDING
Issued	United States	12/073,226	8027355	3/3/2008	9/27/2011	SYMMETRICAL COOPERATIVE DIVERSITY IN THE RELAY- ENABLED WIRELESS SYSTEMS
Issued	United States	12/073,325	7663522	3/4/2008	2/16/2010	RESOURCE ALLOCATION METHOD AND SYSTEM
Issued	United States	12/074,728	8009630	3/5/2008	8/30/2011	DELTA-SIGMA MODULATOR WITH EMBEDDED FILTERING
Issued	United States	12/074,952	8032330	3/7/2008	10/4/2011	NEIGHBOR DISCOVERY, HANDOVER PROCEDURE AND RELAY ZONE CONFIGURATION
Issued	United States	12/075,318	8838775	3/10/2008	9/16/2014	ELECTROMAGNETIC INTERFERENCE SENSOR DEVICE AND METHOD AND COMPUTER
Issued	United States	12/075,508	8805369	3/12/2008	8/12/2014	A CQI REPORTING AND SIMULTANEOUS TRANSMISSION MECHANISM TO IMPROVE
Issued	United States	12/076,313	8325734	3/17/2008	12/4/2012	Method Of Throttling Uplink Traffic In A Wireless Communication System
Issued	United States	12/081,549	8077799	4/17/2008	12/13/2011	COMMON PHASE ROTATION FOR TRANSMITTER DIGITAL FRONT END
Issued	United States	12/086,952	8571530	12/22/2009	10/29/2013	PRIVACY STAMP FOR COVER UI
Issued	United States	12/087,207	8089515	3/30/2009	1/3/2012	REGION OF INTEREST TRACKING FOR AUTOFOCUS IN VIDEO CAPTURING
Issued	United States	12/103,540	7822298	4/15/2008	10/26/2010	POLARIZATION COMPONENT PROCESSOR, METHOD OF PROCESSING POLARIZATION
Issued	United States	12/104,202	8204179	4/16/2008	6/19/2012	Telecommunication Replay Service Assistance For Incoming Calls
Issued	United States	12/112,917	9047421	4/30/2008	6/2/2015	Serial Link Buffer Fill-Level Compensation Using Multi-Purpose Start Of Protocol Data
Issued	United States	12/114,463	7675325	5/2/2008	3/9/2010	IMPROVING RELIABILITY OF A GTL BACKPLANE BUS SYSTEM
Issued	United States	12/117,983	8125916	5/9/2008	2/28/2012	Method Of Transmitting Signaling Messages
Issued	United States	12/122,356	8553554	5/16/2008	10/8/2013	Method And Apparatus For Providing Congestion Control In Radio Access Networks

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Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	12/125,470	8401565	5/22/2008	3/19/2013	DELAYED EMERGENCY POSITION DETERMINATION AND TRANSMISSION
Issued	United States	12/129,883	8406132	5/30/2008	3/26/2013	Estimating Cardinality Distributions In Network Traffic
Issued	United States	12/132,583	7921457	6/3/2008	4/5/2011	Distributed Subscriber Management System
Issued	United States	12/133,117	8326917	6/4/2008	12/4/2012	Method And Apparatus For Identifying An Alternative Peer Hosting An Alternative
Issued	United States	12/133,259	7847658	6/4/2008	12/7/2010	LIGHT-WEIGHT LOW-THERMAL-EXPANSION POLYMER FOAM FOR RADIOFREQUENCY
Issued	United States	12/138,084	8195452	6/12/2008	6/5/2012	HIGH-QUALITY ENCODING AT LOW-BIT RATES
Issued	United States	12/144,726	8291052	6/24/2008	10/16/2012	METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR DETERMINING A
Issued	United States	12/147,153	8243615	6/26/2008	8/14/2012	Allocation of user equipment identifier
Issued	United States	12/148,100	9094411	4/16/2008	7/28/2015	Mechanism To Resume Filter Criteria At Specific Point
Issued	United States	12/156,211	8139512	5/30/2008	3/20/2012	Distributed Iterative Decoding for Co-operative Diversity
Issued	United States	12/156,637	8025434	6/3/2008	9/27/2011	TWO-SIDED ILLUMINATION DEVICE
Issued	United States	12/159,581	8831599	9/7/2008	9/9/2014	AVOIDING PING-PONG HANDOVERS IN MOBILE NETWORKS
Issued	United States	12/165,880	8828520	7/1/2008	9/9/2014	Micro-Posts Having Improved Uniformity And A Method of Manufacture Thereof
Issued	United States	12/171,629	9980079	7/11/2008	5/22/2018	Method And Apparatus For Data Message Delivery To A Recipient Migrated Across
Issued	United States	12/173,889	7554046	7/16/2008	6/30/2009	LIQUID SWITCH
Issued	United States	12/177,500	8121081	7/22/2008	2/21/2012	Method and Apparatus Signaling Resource Allocation
Issued	United States	12/178,104	8055134	7/23/2008	11/8/2011	Optical Telecommunications Network And Method
Issued	United States	12/178,745	8762950	7/24/2008	6/24/2014	SOFTWARE TOOL FOR SCENARIO-BASED CODE INSPECTIONS
Issued	United States	12/184,030	7792013	7/31/2008	9/7/2010	Construction of Capacity-Approaching Low Density Lattice Code Generator Matrices By
Issued	United States	12/204,139	7728627	9/4/2008	6/1/2010	INTELLIGENT EMBEDDED POWER RAIL AND CONTROL SIGNAL SEQUENCER
Issued	United States	12/221,904	8054806	8/7/2008	11/8/2011	Method And Apparatus For Radio Link Failure Recovery In A Wireless Communications
Issued	United States	12/204,789	8724525	9/4/2008	5/13/2014	FRAME SYNCHRONIZATION USING BIDIRECTIONAL TRANSMIT AND RECEIVE ZONES
Issued	United States	12/221,964	8103123	8/7/2008	1/24/2012	IMAGE REBUILDING SYSTEM FOR MOBILE IMAGING PHONE
Issued	United States	12/222,646	8340706	8/13/2008	12/25/2012	Multiradio scheduling concept
Issued	United States	12/224,710	8761709	9/2/2008	6/24/2014	CONTROLLING A RECEIVER
Issued	United States	12/214,051	8259944	6/16/2008	9/4/2012	System And Method For Pathological Pattern Protection
Issued	United States	12/231,646	8144862	9/4/2008	3/27/2012	Method And Apparatus For The Detection And Suppression Of Echo In Packet Based
Issued	United States	12/221,217	8040796	7/31/2008	10/18/2011	Voice Over IP System Recovery Apparatus For Service And Packet Groups Based On
Issued	United States	12/232,737	8107550	9/23/2008	1/31/2012	Methods For Precoding Signals For Transmission In Wireless MIMO System
Issued	United States	12/237,849	9319195	9/25/2008	4/19/2016	Multiplexing PUCCH Information
Issued	United States	12/238,742	8335212	9/26/2008	12/18/2012	System and method for providing least-cost routing of voice connections between
Issued	United States	12/239,983	8351532	9/29/2008	1/8/2013	Iterative Interference Cancellation
Issued	United States	12/251,971	8010669	10/15/2008	8/30/2011	METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR ENABLING DUAL
Issued	United States	12/274,953	9189256	11/20/2008	11/17/2015	Method and Apparatus for Utilizing User Identity
Issued	United States	12/269,851	8421072	11/12/2008	4/16/2013	Electronic Device Having Thermally Managed Electron Path And Method Of Thermal
Issued	United States	12/266,268	9077937	11/6/2008	7/7/2015	Method And Apparatus For Fast Channel Change
Issued	United States	12/259,389	7764423	10/28/2008	7/27/2010	Polarization-Independent Four-Wave Mixing In A Birefringent Fiber
Issued	United States	12/276,260	8468237	11/21/2008	6/18/2013	Normalization Engine And Method of Requesting A Key Or Performing An Operation
Issued	United States	12/276,256	8059565	11/21/2008	11/15/2011	System And Method for Identifying And Calling A Function Of A Service With Respect
Issued	United States	12/276,265	8321807	11/21/2008	11/27/2012	System And Method For Generating A Visual Representation Of A Service And Service
Issued	United States	12/276,273	8181066	11/21/2008	5/15/2012	Service Diagnostic Engine And Method And Service Management System Employing
Issued	United States	12/276,279	8533021	11/21/2008	9/10/2013	System And Method For Remotely Repairing And Maintaining A Telecommunication
Issued	United States	12/276,281	8631108	11/21/2008	1/14/2014	APPLICATION AND METHOD FOR GENERATING AUTOMATED OFFERS OF SERVICE AND
Issued	United States	12/277,747	8581698	11/25/2008	11/12/2013	METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR FACILITATING
Issued	United States	12/283,048	8201015	9/9/2008	6/12/2012	Control Card Circuit And Method For Selecting A Synchronization Source Among A

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Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	12/291,504	7798699	11/10/2008	9/21/2010	LAYERED LIGHT GUIDE WITH DIFFRACTIVE STRUCTURES
Issued	United States	12/291,570	8179960	11/12/2008	5/15/2012	Method And Apparatus For Performing Video Coding And Decoding With Use Of
Issued	United States	12/292,613	8185073	11/21/2008	5/22/2012	Noise and RSSI estimation methods for WiMAX
Issued	United States	12/307,199	9282533	9/8/2011	3/8/2016	Method For Improving Paging Performances In A Wireless Access System
Issued	United States	12/308,337	8135031	12/11/2008	3/13/2012	IP-TV WLAN RELAY
Issued	United States	12/308,375	9237436	3/25/2010	1/12/2016	Centralized Communication Management Via A Virtual Operator For Connecting
Issued	United States	12/313,831	7772826	11/24/2008	8/10/2010	DETECTION OF LIGHTNING
Issued	United States	12/315,060	8238681	11/25/2008	8/7/2012	Adaptive configuration of windows-of-interest for accurate and robust focusing in
Issued	United States	12/315,177	8120762	11/26/2008	2/21/2012	Image Pad
Issued	United States	12/317,881	8570870	12/30/2008	10/29/2013	Incremental Addition And Scale-Back Of Resources Adapting To Network Resource
Issued	United States	12/320,864	8140070	2/6/2009	3/20/2012	Methods For Reducing Inter-Cell Interference By Precoding Signals For Transmission In
Issued	United States	12/321,371	8264587	1/15/2009	9/11/2012	High video recorder and viewfinder frame rate with SW imaging pipe
Issued	United States	12/321,513	8199939	1/21/2009	6/12/2012	MICROPHONE PACKAGE
Issued	United States	12/322,255	8335474	1/30/2009	12/18/2012	Nonparametric cyclic correlation based detection for cognitive radio systems
Issued	United States	12/328,558	8644757	12/4/2008	2/4/2014	Method for creation and control of virtual rendering devices
Issued	United States	12/328,609	8054793	12/4/2008	11/8/2011	EQUIPMENT AND METHOD FOR IMPROVING WORLDWIDE INTEROPERABILITY FOR
Issued	United States	12/333,452	8601454	12/12/2008	12/3/2013	Device And Method For Automatically Optimizing Composite Applications Having
Issued	United States	12/347,642	7929423	12/31/2008	4/19/2011	MLPPP SEQUENCE NUMBER SYNCHRONIZATION BETWEEN THE ACTIVE AND STANDBY
Issued	United States	12/355,063	8495749	1/16/2009	7/23/2013	METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR A CONTENT
Issued	United States	12/355,866	8111987	1/19/2009	2/7/2012	Rogue ONU Detection Via Photonic Mixing
Issued	United States	12/362,239	8000245	1/29/2009	8/16/2011	INTERNET PROTOCOL HEADER COMPRESSION REORDERING
Issued	United States	12/362,956	8856226	1/30/2009	10/7/2014	METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR CONTEXT-BASED
Issued	United States	12/378,216	8295881	2/12/2009	10/23/2012	Virtual Card (VCard) Container For Creating and Sending Electronic Business Cards
Issued	United States	12/383,938	8395988	3/30/2009	3/12/2013	Method And System For Providing Voice Survivability
Issued	United States	12/384,512	7847631	4/6/2009	12/7/2010	METHOD AND APPARATUS FOR PERFORMING PREDISTORTION
Issued	United States	12/385,120	8346276	3/31/2009	1/1/2013	Device And Method Of Collecting And Distributing Reporting Service Measurement Data
Issued	United States	12/386,288	7929469	4/16/2009	4/19/2011	METHOD AND HYBRID CIRCUIT FOR ATTENUATING NEAR-END CROSSTALK IN A
Issued	United States	12/391,039	7919349	2/23/2009	4/5/2011	Photonic Integration Scheme
Issued	United States	12/392,924	8081050	2/25/2009	12/20/2011	Multilayer Planar Tunable Filter
Issued	United States	12/393,643	8145540	2/26/2009	3/27/2012	Management Platform And Associated Method For Managing Smart Meters
Issued	United States	12/402,921	8818024	3/12/2009	8/26/2014	SURFTrac: Efficient Tracking and Continuous Object Recognition using Local Feature
Issued	United States	12/415,089	8751585	3/31/2009	6/10/2014	Electronic Message Handling Method Based On A Message System Client And System
Issued	United States	12/415,375	8280928	3/31/2009	10/2/2012	Multi-Level Enmeshed Directory Structures
Issued	United States	12/424,232	8966090	4/15/2009	2/24/2015	METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROVIDING AN
Issued	United States	12/427,539	8041811	4/21/2009	10/18/2011	Multi-Chassis Component Corrector and Associator Engine
Issued	United States	12/431,908	9047267	4/29/2009	6/2/2015	Method, Apparatus, and Computer Program Product for Written Mathematical
Issued	United States	12/433,140	8958407	4/30/2009	2/17/2015	METHOD FOR ALLOCATING FREQUENCY SUBCHANNELS ON AN AIR INTERFACE OF A
Issued	United States	12/434,245	8111656	5/1/2009	2/7/2012	A random access window configuration method to save processing power at eNB in
Issued	United States	12/437,274	8345680	5/7/2009	1/1/2013	Handling Out-Of-Sequence Packets In A Circuit Emulation Service
Issued	United States	12/437,685	7997520	5/8/2009	8/16/2011	CABLE SPOOL WITH HEIGHT ADJUSTMENT CAPABILITY AND METHOD OF PERFORMING
Issued	United States	12/438,666	8266487	2/24/2009	9/11/2012	UNEQUAL ERROR PROTECTION FOR COORDINATED POWER SEQUENCE
Issued	United States	12/455,193	8923519	5/29/2009	12/30/2014	Method Of Efficient Secure Function Evaluation Using Resettable Tamper-Resistant
Issued	United States	12/462,291	8385321	7/31/2009	2/26/2013	Method And System For Synchronizing A Data Base At A Plurality Of Nodes In An Ad
Issued	United States	12/464,321	8179854	5/12/2009	5/15/2012	Allocating Base Stations To Location Areas In Cellular Telecommunications Networks
Issued	United States	12/466,790	8226241	5/15/2009	7/24/2012	Image Projector Employing A Speckle-Reducing Laser Source
Issued	United States	12/470,520	8571273	5/22/2009	10/29/2013	Method and Apparatus for Performing Feature Extraction Using Local Primitive Code
Issued	United States	12/472,712	8055303	5/27/2009	11/8/2011	Synchronised multi-cell multi-stream beamforming with self-optimising patterns

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Status	Country	Application No.	Patent No.	Filing Date	Grant Date	Title
Issued	United States	12/473,657	7961462	5/28/2009	6/14/2011	Enhanced Circuit Pack Heat Transfer Using Vortex Generators
Allowed	United States	12/480,456		6/8/2009		VIRTUAL LEASED LINE ADDRESS RESOLUTION PROTOCOL CACHE FOR CUSTOMER EDGE
Issued	United States	12/485,623	8498199	6/16/2009	7/30/2013	Maintaining Time-Division Multiplexing Over Pseudowire Connections During Network
Issued	United States	12/486,291	8750803	6/17/2009	6/10/2014	INTERFERENCE CANCELLATION FOR PREDICTIVE SIGNALS
Issued	United States	12/488,917	8432859	6/22/2009	4/30/2013	Indicating Dynamic Allocation Of Component Carriers In Multi-Component Carrier
Issued	United States	12/492,598	8751737	6/26/2009	6/10/2014	Method And Apparatus For Using A Shared Ring Buffer To Provide Thread
Issued	United States	12/492,872	8792331	6/26/2009	7/29/2014	METHOD OF PROVIDING A SUCCESSOR LIST
Issued	United States	12/495,237	8533545	6/30/2009	9/10/2013	METHOD AND APPARATUS FOR SYSTEM TESTING USING MULTIPLE INSTRUCTION
Issued	United States	12/495,295	8677198	6/30/2009	3/18/2014	Method And Apparatus For System Testing Using Multiple Processors
Issued	United States	12/500,117	8290368	7/9/2009	10/16/2012	Detecting Collisions On Multipoint Shared Optical Media
Issued	United States	12/506,761	8027361	7/21/2009	9/27/2011	Class-Based Bandwidth Allocation And Admission Control For Virtual Private Networks
Issued	United States	12/518,105	8918787	12/16/2009	12/23/2014	EXECUTING PROCESSES USING A PROFILE
Issued	United States	12/519,904	8063806	6/18/2009	11/22/2011	FREQUENCY TRANSLATING DELTA-SIGMA MODULATOR WITH TRANSFERRED
Issued	United States	12/524,051	8306046	6/15/2010	11/6/2012	COMPUTING DEVICE AND COMMUNICATIONS FRAMEWORK
Issued	United States	12/527,331	8432363	8/3/2010	4/30/2013	KEYPAD BACKLIGHT USING DIFFUSE LIGHT SCATTERERS
Issued	United States	12/530,296	8817626	11/19/2009	8/26/2014	INTEROPERABILITY OF DIGITAL BROADCASTING AND CELLULAR COMMUNICATION
Issued	United States	12/540,155	8134848	8/12/2009	3/13/2012	Closed-Loop Efficiency Modulation For Use In AC Powered Applications
Issued	United States	12/542,639	8248997	8/17/2009	8/21/2012	APPARATUS AND METHOD FOR POSITIONING A WIRELESS USER EQUIPMENT
Issued	United States	12/543,529	8054760	8/19/2009	11/8/2011	Line-Rate, Real-Time-Traffic Detector
Issued	United States	12/546,762	8243585	8/25/2009	8/14/2012	Method And Apparatus For Fault-Resilient Multicast Using Multiple Sources
Issued	United States	12/548,337	8321228	8/26/2009	11/27/2012	Hardware
Issued	United States	12/552,095	917203	9/1/2009	8/25/2015	METHOD AND APPARATUS FOR AUGMENTED SOCIAL NETWORKING MESSAGING
Issued	United States	12/557,678	8457155	9/11/2009	6/4/2013	Reduction of subjectively redundant disparity in stereoscopic video coding
Issued	United States	12/561,542	8317084	9/17/2009	11/27/2012	Package with Display and RFID - Active labels and marketing
Issued	United States	12/563,476	8134934	9/21/2009	3/13/2012	Tracking Network-Data Flows
Issued	United States	12/565,573	8739661	9/23/2009	5/27/2014	METHOD AND APPARATUS FOR INCREMENTALLY DETERMINING LOCATION CONTEXT
Issued	United States	12/567,057	8201094	9/25/2009	6/12/2012	Cross-layer Collaborative Protocol for Multi-User Co-creation
Issued	United States	12/570,165	8724648	9/30/2009	5/13/2014	ENHANCED CONTROL SIGNALING FOR BACKHAUL LINK
Issued	United States	12/571,988	8290516	10/1/2009	10/16/2012	METHOD AND APPARATUS FOR PROVIDING LOCATION BASED SERVICES USING
Issued	United States	12/573,583	7813614	10/5/2009	10/12/2010	AMPLIFYING OPTICAL FIBER
Issued	United States	12/583,912	7805138	8/27/2009	9/28/2010	Network Support For Roaming Optimization
Issued	United States	12/586,823	8179779	9/29/2009	5/15/2012	Pilot Signal Allocation Method and Apparatus for Multi-User Wireless Systems
Issued	United States	12/587,057	9053464	9/30/2009	6/9/2015	Information Security Method And Apparatus
Issued	United States	12/588,029	8588070	10/1/2009	11/19/2013	Method For Scheduling Packets Of A Plurality Of Flows And System For Carrying Out
Issued	United States	12/590,282	8208252	11/5/2009	6/26/2012	Infrared Energy Powered Cooling Apparatus And Computer Chassis Comprising Same
Issued	United States	12/600,128	9712506	1/12/2010	7/18/2017	METHODS, APPARATUSES, SYSTEM AND COMPUTER PROGRAMS FOR KEY UPDATE
Issued	United States	12/600,270	9307381	11/16/2009	4/5/2016	OPTIMISED EMERGENCY ALERT MESSAGE DELIVERY ON GERAN CELL BROADCAST
Issued	United States	12/612,293	8451840	11/4/2009	5/28/2013	Mobility In IP Without Mobile IP
Issued	United States	12/612,674	8892983	11/4/2009	11/18/2014	Method And Apparatus For Error Detection In A Communication System
Issued	United States	12/621,196	8285293	11/18/2009	10/9/2012	Femtocell Base Station, And A Method Of Radio Communication In A Network
Issued	United States	12/622,014	8280427	11/19/2009	10/2/2012	A gain factor/matrix design method to ensure the whole link channel reciprocity in
Issued	United States	12/623,991	8892101	11/23/2009	11/18/2014	RADIO PROBLEM DETECTION ASSISTED RESCUE HANDOVER
Issued	United States	12/624,042	8490075	11/23/2009	7/16/2013	METHOD AND APPARATUS FOR OPTIMIZING AN EXCHANGE OF SERVICE UPDATES
Issued	United States	12/635,239	8345633	12/10/2009	1/1/2013	Method Of Identification Of A Femtocell Base Station As A Handover Target, And
Issued	United States	12/640,072	10084856	12/17/2009	9/25/2018	Method And Apparatus For Locating Services Within Peer-To-Peer Networks
Issued	United States	12/640,151	8494315	12/17/2009	7/23/2013	Photonic Integrated Circuit Having A Waveguide-Grating Coupler
Issued	United States	12/640,744	8560312	12/17/2009	10/15/2013	Method And Apparatus For The Detection Of Impulsive Noise In Transmitted Speech

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Status	Country	Serial No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	12/641,874	8620362	12/18/2009	12/31/2013	Method And Apparatus For Selective Message Service Blocking
Issued	United States	12/645,013	8789204	12/22/2009	7/22/2014	METHOD AND APPARATUS FOR SECURE CROSS-SITE SCRIPTING
Issued	United States	12/646,771	8854987	12/23/2009	10/7/2014	DISTRIBUTING CELLS ON AN IMA LOGICAL LINK HAVING INACTIVE IMA SUB-LINKS
Issued	United States	12/648,055	8200224	12/28/2009	6/12/2012	Handover Method And Apparatus Thereof
Issued	United States	12/649,606	8249446	12/30/2009	8/21/2012	Method And Apparatus For Regulating Rogue Behavior In Optical Network
Issued	United States	12/651,089	8335819	12/31/2009	12/18/2012	METHOD AND APPARATUS FOR PROVIDING CLIENT-SIDE CACHING
Issued	United States	12/652,867	8271007	1/6/2010	9/18/2012	Managing SMS Spoofing Using SMPP Protocol
Issued	United States	12/654,867	8364150	1/7/2010	1/29/2013	Method For Selecting Base Station For Handover From Plurality Of Target Base
Issued	United States	12/659,471	9048907	3/10/2010	6/2/2015	Methods For Reducing Interference In Communication Systems
Issued	United States	12/660,900	9124417	3/5/2010	9/1/2015	Computation Of Garbled Tables In Garbled Circuit
Issued	United States	12/662,798	8271656	5/4/2010	9/18/2012	Decreasing Latency In Anonymity Networks
Issued	United States	12/664,050	8897380	8/5/2010	11/25/2014	COPING WITH DISTORTION CAUSED BY WIDEBAND NOISE
Issued	United States	12/665,452	8594562	5/11/2010	11/26/2013	METHODS, COMPUTER PROGRAM PRODUCTS AND APPARATUS PROVIDING
Issued	United States	12/669,144	8701116	10/14/2010	4/15/2014	Method For Managing The Shared Resources Of A Computer System, A Module For
Issued	United States	12/678,464	8346259	3/16/2010	1/1/2013	Method For Hand-Over Of Terminal, Network Element, Base Station, And
Issued	United States	12/679,350	8792069	4/19/2010	7/29/2014	CHANGING THE APPEARANCE OF AN ELECTRONIC DEVICE
Issued	United States	12/681,687	8429480	6/24/2010	4/23/2013	USER SPECIFIC LOAD BALANCING
Issued	United States	12/682,925	8331291	9/20/2010	12/11/2012	Method and device for data communication and communication system comprising
Issued	United States	12/694,457	8463229	1/27/2010	6/11/2013	Co-located Coexistence for Cognitive Radio
Issued	United States	12/696,382	8547440	1/29/2010	10/1/2013	Lens shading correction of OIS module by run time calibration
Issued	United States	12/716,252	8547901	3/2/2010	10/1/2013	Apparatus and methodology for ordered partial detection with MIMO cooperation
Issued	United States	12/732,752	7973637	3/26/2010	7/5/2011	A Mems Device With Bi-Directional Element
Issued	United States	12/732,800	8432911	3/26/2010	4/30/2013	Method And Apparatus For Reducing Effects Of Lost Packets On Redundancy
Issued	United States	12/735,340	8238031	8/5/2010	8/7/2012	Eye Piece And Tunable Chromatic Dispersion Compensator Using The Same
Issued	United States	12/740,204	8654719	7/1/2010	2/18/2014	METHOD FOR SPECTRUM SHARING IN A MULTI-MODE SYSTEM AND RELATIVE
Issued	United States	12/744,952	8629855	10/21/2010	1/14/2014	MULTIMODE APPARATUS AND METHOD FOR MAKING SAME
Issued	United States	12/761,384	9055512	4/15/2010	6/9/2015	METHODS AND APPARATUS FOR SECONDARY BANDWIDTH DETECTION AND
Issued	United States	12/766,031	9445380	4/23/2010	9/13/2016	Method And Apparatus For Power Control And Interference Coordination
Issued	United States	12/775,424	9400550	5/6/2010	7/26/2016	Indicating audience's facial feedback to realtime content creator on mobile deviceÀs
Issued	United States	12/784,388	8725706	5/20/2010	5/13/2014	METHOD AND APPARATUS FOR MULTI-ITEM SEARCHING
Issued	United States	12/791,086	8397989	6/1/2010	3/19/2013	Method And Apparatus For Using Boarding Passes To Apply Business Rules
Issued	United States	12/799,348	8446484	4/21/2010	5/21/2013	Scaling method how to reduce amount of data in imaging application
Issued	United States	12/801,893	9378503	6/30/2010	6/28/2016	Methods Of Routing For Networks With Feedback
Issued	United States	12/806,898	8601199	8/24/2010	12/3/2013	VIRTUAL ETHERNET SWITCH VIA PCI-E CARD
Issued	United States	12/813,248	8266551	6/10/2010	9/11/2012	METHOD AND APPARATUS FOR BINDING USER INTERFACE ELEMENTS AND GRANULAR
Issued	United States	12/824,849	8639692	6/28/2010	1/28/2014	High-Dimensional Stratified Sampling
Issued	United States	12/827,791	8837350	6/30/2010	9/16/2014	METHOD AND APPARATUS FOR CONCERTED SIGNAL TRANSMISSION ON MULTIPLE
Issued	United States	12/828,466	8249642	7/1/2010	8/21/2012	Using The Repetition Of An Erasure Indicator Bit To Enhance A Power Control
Issued	United States	12/830,932	8195209	7/6/2010	6/5/2012	Text Messaging Over An eHRPD Network
Issued	United States	12/842,921	9026542	7/23/2010	5/5/2015	System And Method For Modelling And Profiling In Multiple Languages
Issued	United States	12/851,299	8446725	8/5/2010	5/21/2013	Airflow Control In An Electronic Chassis
Issued	United States	12/864,411	8588087	10/11/2010	11/19/2013	Method For Positioning Mobile Devices And Apparatus For Positioning Mobile Devices
Issued	United States	12/866,031	8848821	9/2/2010	9/30/2014	MAPPING PHICH RESOURCES

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Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	12/868,454	9055082	8/25/2010	6/9/2015	Peer To Peer Localization For Content In A Distributed Hash Table
Issued	United States	12/872,724	9111255	8/31/2010	8/18/2015	METHODS, APPARATUSES AND COMPUTER PROGRAM PRODUCTS FOR DETERMINING
Issued	United States	12/875,472	8331493	9/3/2010	12/11/2012	Bias Removal of Radio Link Quality Estimates
Issued	United States	12/880,373	8559331	9/13/2010	10/15/2013	Tri-Colour Data Packet Counting For Tri-Colour Marking Policies
Issued	United States	12/885,958	8693608	9/20/2010	4/8/2014	Frequency Synchronization Using Clock Recovery Loop With Adaptive Packet Filtering
Issued	United States	12/894,198	9118669	9/30/2010	8/25/2015	Method And Apparatus For Voice Signature Authentication
Issued	United States	12/894,275	9031619	9/30/2010	5/12/2015	Method for a visual notification of active speech reception in a mobile telephone
Issued	United States	12/894,328	9191438	9/30/2010	11/17/2015	Methods And Apparatus For Identifying Peers On A Peer-To-Peer Network
Issued	United States	12/895,734	8422448	9/30/2010	4/16/2013	Group Call Control In A Wireless Broadband Communication Network
Issued	United States	12/906,809	8258497	10/18/2010	9/4/2012	Fabricating Electronic-Photonic Devices Having An Active Layer With Spherical
Issued	United States	12/911,075	8712708	10/25/2010	4/29/2014	METHOD OF ESTIMATING REMAINING CONSTANT CURRENT/CONSTANT VOLTAGE
Issued	United States	12/915,954	8516205	10/29/2010	8/20/2013	METHOD AND APPARATUS FOR PROVIDING EFFICIENT CONTEXT CLASSIFICATION
Issued	United States	12/920,658	8458550	9/17/2010	6/4/2013	PROTOCOLS FOR MULTI-HOP RELAY SYSTEM WITH CENTRALIZED SCHEDULING
Issued	United States	12/922,515	9320060	10/12/2010	4/19/2016	Method, Devices and System for Local Collision Avoidance for Random Access in Relay
Issued	United States	12/931,973	9144098	2/14/2011	9/22/2015	REAL-TIME GAMING AND OTHER APPLICATIONS SUPPORT FOR D2D
Issued	United States	12/984,060	9104410	1/4/2011	8/11/2015	POWER SAVING HARDWARE
Issued	United States	12/984,950	8594735	1/5/2011	11/26/2013	CONFORMAL ANTENNA ARRAY
Issued	United States	12/996,563	8855658	12/6/2010	10/7/2014	INTERFERENCE AVOIDANCE ON COMMON CHANNELS IN UNCOORDINATED NETWORK
Issued	United States	12/999,598	9166802	2/23/2011	10/20/2015	Dynamic Browser Behaviour
Issued	United States	12/956,397	8532651	11/30/2010	9/10/2013	Method Of Rejecting Radio Links Based On Timing Information Regarding A Detected
Issued	United States	12/958,911	8638719	12/2/2010	1/28/2014	Inter-cell interference coordination by avoiding multi-stream transmissions
Issued	United States	12/971,698	9137051	12/17/2010	9/15/2015	Method And Apparatus For Reducing Rendering Latency For Audio Streaming
Issued	United States	12/973,212	8810626	12/20/2010	8/19/2014	Method for memory efficient one dimensional panorama generation
Issued	United States	12/977,734	9350573	12/23/2010	5/24/2016	Suppression of unwanted OFDM emissions using selective mapping
Issued	United States	12/984,047	9063963	1/4/2011	6/23/2015	Method and System for Migration of Managed Devices
Issued	United States	13/002,921	8385930	3/28/2011	2/26/2013	REDUCED RESOURCE ALLOCATION PARAMETER SIGNALLING
Issued	United States	13/002,486	9025775	1/3/2011	5/5/2015	APPARATUS AND METHOD FOR ADJUSTING SPATIAL CUE INFORMATION OF A
Issued	United States	13/000,778	9037727	7/21/2011	5/19/2015	Capability Grabbing Peer Device Functionality In SIP
Issued	United States	13/001,429	8737346	4/14/2011	5/27/2014	Principle for PUCCH AckNack Indexing in supporting AN-bundling for LTE TDD
Issued	United States	13/010,414	8488608	1/20/2011	7/16/2013	SYSTEM AND METHOD FOR TRAFFIC DISTRIBUTION IN A MULTI-CHASSIS LINK
Issued	United States	13/010,617	8582423	1/20/2011	11/12/2013	Multi-Chassis Inter-Process Communication
Issued	United States	13/010,711	8462774	1/20/2011	6/11/2013	Virtual IP Interfaces On Multi-Chassis Link Aggregates
Issued	United States	13/010,382	8472447	1/20/2011	6/25/2013	IP Multicast Snooping And Routing With Multi-Chassis Link Aggregation
Issued	United States	13/010,343	9059940	1/20/2011	6/16/2015	System And Method For Transport Control Protocol In A Multi-Chassis Domain
Issued	United States	13/010,168	8767735	1/20/2011	7/1/2014	SYSTEM AND METHOD FOR MULTI-CHASSIS LINK AGGREGATION
Issued	United States	13/014,864	8559769	1/27/2011	10/15/2013	All-Optical Phase Shifter In Silicon
Issued	United States	13/018,109	9008515	1/31/2011	4/14/2015	Direct Lazer Modulation
Issued	United States	13/020,168	8351555	2/3/2011	1/8/2013	APPARATUS AND METHOD FOR SINR ESTIMATION HSDPA MIMO RECEIVER
Issued	United States	13/023,173	8698834	2/8/2011	4/15/2014	Bandwidth Adjustable Bandpass Filter
Issued	United States	13/025,916	9293362	2/11/2011	3/29/2016	Interface, interactions and methods for displaying and sharing media files in a multi-
Issued	United States	13/029,527	8644699	2/17/2011	2/4/2014	LED controller
Issued	United States	13/054,553	8577861	4/5/2011	11/5/2013	APPARATUS AND METHOD FOR SEARCHING INFORMATION
Issued	United States	13/060,039	8559867	2/21/2011	10/15/2013	A load status indicator in multihop relay systems with distributed scheduling mode
Issued	United States	13/072,386	8290029	3/25/2011	10/16/2012	a method and apparatus for configuration and calibration of super-regenerative
Issued	United States	13/074,823	8810368	3/29/2011	8/19/2014	Intuitive binding of voice and context in smart spaces

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Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	13/077,630	8589956	3/31/2011	11/19/2013	Method And Apparatus For Providing Application With Interface To Composite
Issued	United States	13/084,901	9209858	4/12/2011	12/8/2015	Method And Apparatus For Determining Uplink Noise Power In A Wireless
Issued	United States	13/086,796	8467330	4/14/2011	6/18/2013	Method Of Scheduling And Admission Control For Guaranteed Bit Rate And/Or
Issued	United States	13/089,351	8194597	4/19/2011	6/5/2012	Method And Apparatus For Cellular Communication Over Data Networks
Issued	United States	13/099,158	8781835	5/2/2011	7/15/2014	METHODS AND APPARATUSES FOR FACILITATING SPEECH SYNTHESIS
Issued	United States	13/106,937	8923377	5/13/2011	12/30/2014	METHODS AND DEVICES FOR RECEIPT OF IMBALANCED TRANSMISSION SIGNAL
Issued	United States	13/107,090	8803697	5/13/2011	8/12/2014	DETECTING MOVEMENT FOR DETERMINING CHARACTERISTICS OF USER
Issued	United States	13/107,150	8549010	5/13/2011	10/1/2013	Distributed key range management for databases
Issued	United States	13/108,048	8639123	5/16/2011	1/28/2014	Flexible Dispersion Mapping
Issued	United States	13/112,653	8676009	5/20/2011	3/18/2014	Monolithic Photonic Integrated Circuit
Issued	United States	13/116,263	8498957	5/26/2011	7/30/2013	Optimal Multi-Factor Evaluation In Computing Systems
Issued	United States	13/121,105	8811374	3/25/2011	8/19/2014	Synchronisation procedures for Device to Device Communications
Issued	United States	13/122,404	8818861	4/1/2011	8/26/2014	Location procedure for Device to Device Communications
Issued	United States	13/127,183	8467793	12/8/2011	6/18/2013	Improved mobility for non-CSG UEÀs in a CSG environment
Issued	United States	13/127,369	904903	6/8/2011	7/28/2015	Method and Apparatus for Distribution of Topology Information in Communication
Issued	United States	13/130,774	8811887	5/24/2011	8/19/2014	Data load redistribution within a relay enhanced telecommunication network
Issued	United States	13/131,832	8856449	10/11/2011	10/7/2014	METHOD AND APPARAUTS FOR DATA STORAGE AND ACCESS
Issued	United States	13/143,407	8655365	7/6/2011	2/18/2014	Method For Managing Radio Links Within A Radio Communication System With Mobile
Issued	United States	13/145,880	8677210	9/27/2011	3/18/2014	Method For Encoding Data With Double-Interlaced Parity Symbols, For A Radio
Issued	United States	13/146,064	8780830	10/17/2011	7/15/2014	INTERFERENCE SUPPRESSION DURING DEVICE-TO-DEVICE COMMUNICATIONS
Issued	United States	13/147,352	8625632	1/16/2012	1/7/2014	MULTIPLE USER MIMO INTERFERENCE SUPPRESSION COMMUNICATIONS SYSTEM
Issued	United States	13/157,379	9357482	6/10/2011	9/23/2014	RECONSTRUCTION FILTER WITH BUILT-IN BALUN
Issued	United States	13/159,158	9301313	6/13/2011	3/29/2016	Method And Apparatus For Data Transmission With User Selection
Issued	United States	13/160,658	8923899	6/15/2011	12/30/2014	INTERFACE BETWEEN RESTFUL WEB SERVICES AND PACKET-SWITCHED NETWORKS
Issued	United States	13/161,428	8718324	6/15/2011	5/6/2014	METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROVIDING OBJECT
Issued	United States	13/167,969	8824392	6/24/2011	9/2/2014	Fair channel allocation using markers
Issued	United States	13/170,737	8588537	6/28/2011	11/19/2013	METHODS, APPARATUSES AND COMPUTER PROGRAM PRODUCTS FOR UTILIZING
Issued	United States	13/174,029	9188741	6/30/2011	11/17/2015	Adjustable Multiple-Channel Optical Switch
Issued	United States	13/181,608	9357482	7/13/2011	5/31/2016	Method And System For Dynamic Power Control For Base Stations
Issued	United States	13/193,697	8565114	7/29/2011	10/22/2013	COGNITIVE RADIO RESOURCE UTILIZATION
Issued	United States	13/195,118	8954084	8/1/2011	2/10/2015	METHOD AND SYSTEM FOR REDUCING MAC-IS RESET AMBIGUITY FOR COMMON E-
Issued	United States	13/197,938	8831248	8/4/2011	9/9/2014	A diple loudspeaker with a balanced directivity pattern
Issued	United States	13/201,594	8767939	9/9/2011	7/1/2014	TELEPHONIC SERVICE AND POWER SUPPLY STATUS MANAGEMENT OF A
Issued	United States	13/205,931	8842620	8/9/2011	9/23/2014	METHOD FOR ACCOMMODATING OVERLAPPING REFERENCE SIGNAL PATTERNS
Issued	United States	13/209,757	9313670	8/15/2011	4/12/2016	Method for management of inter-frequency neighbour list based on UE
Issued	United States	13/210,299	8787708	8/15/2011	7/22/2014	Endless Phase Shifting
Issued	United States	13/212,692	8718374	8/18/2011	5/6/2014	Drawable 2D barcodes
Issued	United States	13/213,679	8725146	8/19/2011	5/13/2014	Method Of Registering A Location Of An Access Terminal Within A FEMTO Network
Issued	United States	13/218,119	9125024	8/25/2011	9/1/2015	Broadcasting Availability Of Free Internet Access At Wireless Access Points
Issued	United States	13/222,234	8838020	8/31/2011	9/16/2014	Method For Relaying Data In A Communication Network
Issued	United States	13/224,922	8826182	9/2/2011	9/2/2014	Dynamic 3D search engine interface
Issued	United States	13/228,808	8792355	9/9/2011	7/29/2014	ADJUSTMENT OF RADIO RESOURCE CONTROL STATE TIMERS IN A RADIO ACCESS
Issued	United States	13/237,175	9245051	9/20/2011	1/26/2016	METHOD AND APPARATUS FOR CONDUCTING A SEARCH BASED ON AVAILABLE DATA
Issued	United States	13/238,334	9218605	9/21/2011	12/22/2015	METHOD AND APPARATUS FOR MANAGING RECOMMENDATION MODELS
Issued	United States	13/238,737	8897649	9/21/2011	11/25/2014	OPTICAL TRANSPORT SYSTEM FOR TWO-CARRIER SIGNALS
Issued	United States	13/245,160	8824501	9/26/2011	9/2/2014	Performance Enhancement Through Optical Variants
Issued	United States	13/250,158	8693359	9/30/2011	4/15/2014	Data Plane Delay KPI Monitoring In Live Network

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Status	Country	Application No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	13/253,120	8620383	10/5/2011	12/31/2013	Dynamic Resource Sharing Among Cellular Networks
Issued	United States	13/254,490	9320034	9/2/2011	4/19/2016	SYSTEMS, METHODS, APPARATUSES, AND COMPUTER PROGRAM PRODUCTS FOR
Issued	United States	13/257,576	8891448	1/6/2012	11/18/2014	INTERFERENCE CONTROL
Issued	United States	13/265,419	8570981	10/20/2011	10/29/2013	A HANDOVER METHOD BETWEEN A PREFERRED BASE STATION AND ALTERNATIVES
Issued	United States	13/265,921	9155012	11/21/2011	10/6/2015	METHOD, APPARATUS, AND RELATED COMPUTER PROGRAM PRODUCT FOR LOAD
Issued	United States	13/266,097	8675520	10/24/2011	3/18/2014	Uplink Communication In A Wireless Communication Network
Issued	United States	13/275,110	8285846	10/17/2011	10/9/2012	SYSTEM AND METHOD FOR SUCCESS RATE IN SERVICES
Issued	United States	13/277,375	9098109	10/20/2011	8/4/2015	Adaptatitive SW logic based on user frustration and expected behavior of use case
Issued	United States	13/279,704	8817685	10/24/2011	8/26/2014	Energy-efficient underlay device-to-multidevice communications with interference
Issued	United States	13/284,137	8811207	10/28/2011	8/19/2014	Allocating Control Data to User Equipment
Issued	United States	13/289,404	907993	11/4/2011	4/14/2015	Method For Inter-Base Station Signaling
Issued	United States	13/293,214	9385292	11/10/2011	7/5/2016	Geothermally-Cooled Solar Thermoelectric Energy Harvester
Issued	United States	13/296,934	8614952	11/15/2011	12/24/2013	Efficient Propagation Of Link State Advertisements In Densely Interconnected OSPF
Issued	United States	13/318,107	8724572	1/23/2012	5/13/2014	CHANNEL STATE INFORMATION FEEDBACK
Issued	United States	13/321,135	8862141	4/18/2012	10/14/2014	SYSTEMS, METHODS, AND APPARATUSES FOR FACILITATING ALLOCATION OF A
Issued	United States	13/330,418	8797639	12/19/2011	8/5/2014	Method And System For Regenerating And Reshaping Of Optical Signals
Issued	United States	13/334,141	9223630	12/22/2011	12/29/2015	Method And Apparatus For Energy Efficient Distributed And Elastic Load Balancing
Issued	United States	13/335,326	8995834	12/22/2011	3/31/2015	Blind Equalization For Polarization-Switched QPSK Optical Communications
Issued	United States	13/338,581	8719649	12/28/2011	5/6/2014	Method And Apparatus For Deferred Scheduling For JTAG Systems
Issued	United States	13/338,636	9055086	12/28/2011	6/9/2015	System And Method For Managing Data Transfer From A Data Center Including
Issued	United States	13/342,637	9124567	1/3/2012	9/1/2015	Methods And Devices For Converting Routing Data From One Protocol To Another In A
Issued	United States	13/350,364	8811246	1/13/2012	8/19/2014	WIRELESS COMMUNICATION SYSTEMS, RELAY SYSTEMS AND METHODS OF RELAYING
Issued	United States	13/360,937	9571241	1/30/2012	2/14/2017	Methods For Transmitting And Receiving Control Information Using Time-Frequency
Issued	United States	13/360,997	8913391	1/30/2012	12/16/2014	BOARD-LEVEL HEAT TRANSFER APPARATUS FOR COMMUNICATION PLATFORMS
Issued	United States	13/369,551	9007901	2/9/2012	4/14/2015	Method And Apparatus Providing Flow Control Using On-Off Signals In High Delay
Issued	United States	13/376,258	9054897	12/5/2011	6/9/2015	Method And Apparatus For Synchronizing AAL2 Path States
Issued	United States	13/378,355	9081727	3/22/2012	7/14/2015	Access List
Issued	United States	13/378,506	8761104	12/15/2011	6/24/2014	Method And Apparatus For Transmitting Load Information Among Nodes In A Radio
Issued	United States	13/381,412	8625758	12/29/2011	1/7/2014	Method, A Telecommunication System And A Network Node For Sponsoring A
Issued	United States	13/381,621	9247331	3/21/2012	1/26/2016	Temperature Compensated Sensitivity Microphone
Issued	United States	13/388,988	9215538	4/13/2012	12/15/2015	Automatic downlink speech/music discrimination algorithm
Issued	United States	13/401,986	8965045	2/22/2012	2/24/2015	IMAGE CAPTURE
Issued	United States	13/409,404	9294883	3/1/2012	3/22/2016	METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR PROBE REQUEST
Issued	United States	13/431,116	8913489	3/27/2012	12/16/2014	SYSTEM AND METHOD FOR VIRTUAL FABRIC LINK FAILURE RECOVERY
Issued	United States	13/434,080	9154452	3/29/2012	10/6/2015	Methods And Apparatuses For Adapting Buffer Capacity At Routers
Issued	United States	13/446,493	9202108	4/13/2012	12/1/2015	METHODS AND APPARATUSES FOR FACILITATING FACE IMAGE ANALYSIS
Issued	United States	13/458,677	9122532	4/27/2012	9/1/2015	InNode Map Reduce for Key Value Store
Issued	United States	13/476,693	905404	5/21/2012	6/9/2015	APPARATUS AND METHOD FOR DETECTING PROXIMATE DEVICES
Issued	United States	13/484,863	8948107	5/31/2012	2/3/2015	METHOD AND APPARATUS FOR RESOURCE ALLOCATION FOR DEVICE-TO-DEVICE
Issued	United States	13/486,460	9369959	6/1/2012	6/14/2016	Wireless Flashing and File Transfer for Devices in Sales Box
Issued	United States	13/495,046	8953450	6/13/2012	2/10/2015	METHOD AND SYSTEM FOR INGRESS MULTICAST LOAD BALANCING
Issued	United States	13/500,625	9055381	4/5/2012	6/9/2015	A 3D Positional Audio Algorithm based on Multi-way analysis
Issued	United States	13/502,858	8811516	4/19/2012	8/19/2014	Channel feedback to support efficient rank override
Issued	United States	13/508,538	9560648	5/7/2012	1/31/2017	Methods and Apparatus for Providing a Communication Scheme with Reduced Feed-
Issued	United States	13/510,615	9025433	5/17/2012	5/5/2015	APPARATUS AND METHOD FOR HANDLING VALID PROTOCOL DATA UNITS
Issued	United States	13/510,674	9081906	6/18/2012	7/14/2015	Office System Comprising A Telephony Application
Issued	United States	13/511,773	9191987	7/31/2012	11/17/2015	Determining "fair share" of radio resources in radio access system with contention-

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Status	Country	Serial No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	13/511,823	9282064	5/24/2012	3/8/2016	Method For Processing A Plurality Of Data And Switching Device For Switching
Issued	United States	13/514,290	9548977	6/6/2012	1/17/2017	SYSTEM, METHOD, AND APPARATUS FOR PERFORMING RELIABLE NETWORK,
Issued	United States	13/514,659	9300377	6/8/2012	3/29/2016	Method For Downlink Communication By Means Of A Downlink Superimposed Radio
Issued	United States	13/516,554	8767614	6/15/2012	7/1/2014	REPORTING BUFFERING INFORMATION
Issued	United States	13/517,972	8914656	6/20/2012	12/16/2014	ENERGY CONSUMPTION OPTIMISATION FOR WEB APPLICATIONS
Issued	United States	13/519,875	9031952	6/28/2012	5/12/2015	An efficient and novel algorithm for use interest modeling
Issued	United States	13/521,349	9307550	7/10/2012	4/5/2016	EVOLVED NODE B CONTROLLED CENTRALIZED RESOURCE REUSE FOR DEVICE-TO-
Issued	United States	13/531,019	9363103	6/22/2012	6/7/2016	Energy-Management In A User-Premises Area Network
Issued	United States	13/536,363	9141277	6/28/2012	9/22/2015	Ejecting card with gesture
Issued	United States	13/537,287	9378207	6/29/2012	6/28/2016	Social Platform for Crowdsourced Media Services
Issued	United States	13/537,467	8849130	6/29/2012	9/30/2014	Coherent Optical Receivers For Colorless Reception
Issued	United States	13/551,088	8934452	7/17/2012	1/13/2015	METHOD, APPARATUS AND COMPUTER READABLE MEDIUM FOR TIMING ALIGNMENT
Issued	United States	13/551,894	9338740	7/18/2012	5/10/2016	Method And Apparatus For Selecting A Wireless Access Point
Issued	United States	13/552,800	9131254	7/19/2012	9/8/2015	Cross Layer Coding For Satellite Mobile TV Broadcast Method And Apparatus
Issued	United States	13/564,065	8768369	8/1/2012	7/1/2014	NETWORK MAP FOR LOCATION-BASED MOBILITY DECISIONS
Issued	United States	13/574,882	9113405	10/1/2012	8/18/2015	METHODS AND APPARATUS FOR SUPPORTING MULTIPLE TYPES OF CONNECTIONS TO
Issued	United States	13/577,645	9288305	8/7/2012	3/15/2016	Inverse haptic feedback
Issued	United States	13/580,614	8812046	8/22/2012	8/19/2014	SELF OPTIMIZATION FOR SOFT FREQUENCY REUSE TO IMPROVE RELIABILITY OF HO
Issued	United States	13/581,881	8964616	8/30/2012	2/24/2015	Device Discovery For Device-To-Device Communication
Issued	United States	13/590,478	9247191	8/21/2012	1/26/2016	Wireless External Multi-Microphone System for Mobile Phone Environmen
Issued	United States	13/595,411	8792941	8/27/2012	7/29/2014	Subtitle synchronization with audio in movie playback, using summarization
Issued	United States	13/598,199	9240066	8/29/2012	1/19/2016	Free-Style Skeletal Animation on Touch Interfaces
Issued	United States	13/599,850	9455843	8/30/2012	9/27/2016	E-UTRAN improvement on emergency call establishment, release and handling during
Issued	United States	13/604,174	8401572	9/5/2012	3/19/2013	Using Cell Broadcast Service and Crowd sourcing for constructing location connectivity
Issued	United States	13/609,375	9270564	9/11/2012	2/23/2016	System And Method For Congestion Notification In An Ethernet OAM Network
Issued	United States	13/611,915	9071815	8/21/2012	6/30/2015	METHOD AND APPARATUS FOR OPTIMIZING USAGE OF TERNARY CONTENT
Issued	United States	13/613,159	8937945	9/12/2012	1/20/2015	Method and Apparatus of Virtualized Resource Sharing in Cellular Networks
Issued	United States	13/617,423	9451570	9/13/2012	9/20/2016	System And Method For Scheduling Cell Broadcast Message
Issued	United States	13/622,033	9307347	9/14/2012	4/5/2016	Enhancement for Wireless Programming
Issued	United States	13/622,524	8909661	9/18/2012	12/9/2014	METHODS AND APPARATUSES FOR TIME-STAMPING MEDIA FOR MULTI-USER
Issued	United States	13/628,207	9239936	9/19/2012	1/19/2016	System, Method, And Apparatus To Mitigate Risk Of Compromised Privacy
Issued	United States	13/630,908	8982691	9/27/2012	3/17/2015	System And Method Providing Standby Bypass For Double Failure Protection In MPLS
Issued	United States	13/637,900	9398279	11/29/2012	7/19/2016	Image sensor local saturation signal optimization
Issued	United States	13/638,809	9218381	4/16/2014	12/22/2015	Improvised harvesting technique by decoupling of larger index from mounted
Issued	United States	13/638,811	9131495	2/20/2013	9/8/2015	Enhanced admission control in relay-enhanced access networks
Issued	United States	13/639,242	10034206	1/9/2012	7/24/2018	CONTROLLING COMMUNICATIONS IN A MULTI-CARRIER WIRELESS COMMUNICATION
Issued	United States	13/643,574	9031596	12/10/2012	5/12/2015	Connection Arrangement in Relayed Wireless Communications
Issued	United States	13/647,607	8773292	7/8/2014	7/8/2014	DATA COMPRESSION
Issued	United States	13/647,675	9307576	10/9/2012	4/5/2016	Core Network Interface For Packet Domain For UMA UNC Applications
Issued	United States	13/652,820	9122702	10/16/2012	9/1/2015	Location Data Logs Compression and Anonymization
Issued	United States	13/670,552	9263305	11/7/2012	12/29/2015	PP-MAC Mechansim for Resource Allocation of STAs
Issued	United States	13/672,887	9107089	11/9/2012	8/11/2015	METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR LOCATION BASED
Issued	United States	13/674,259	9148389	11/12/2012	9/29/2015	System And Method For A Virtual Chassis System
Issued	United States	13/674,315	9148390	11/12/2012	9/29/2015	System And Method For Virtual Chassis Split Prevention
Issued	United States	13/674,352	9148391	11/12/2012	9/29/2015	System And Method For A Pass Thru Mode In A Virtual Chassis System
Issued	United States	13/674,392	9172662	11/12/2012	10/27/2015	Virtual Chassis System Control Protocols
Issued	United States	13/690,450	9113576	11/30/2012	8/18/2015	Thermal Management Of Photonics Assemblies

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Status	Country	Application No.	Patent No.	Issue Date	Title
Issued	United States	13/700,093	9294060	3/22/2016	Bandwidth Extender
Issued	United States	13/702,399	9036513	5/19/2015	Method For Communicating Between Customer Device And Server Device
Issued	United States	13/710,052	9181933	11/10/2015	Temperature Control Device With A Passive Thermal Feedback Control Valve
Issued	United States	13/720,439	9338171	5/10/2016	Utilizing detected radio environment to grant, deny or alter the access rights to a radio
Issued	United States	13/729,790	9042253	5/26/2015	Resource Allocation In Heterogeneous LTE Networks Via CSMA-Based Algorithms
Issued	United States	13/730,131	9172461	10/27/2015	Optical Fibers With Varied Mode-Dependent Loss
Issued	United States	13/731,183	9179384	11/3/2015	Mobility Robustness Optimization Based On Reference Signal Strength Maps
Issued	United States	13/731,710	9237482	1/12/2016	Method Of Transmitting Real Time Traffic With Reduced Header In Wireless Network
Issued	United States	13/731,738	9300400	3/29/2016	Communication Through Multiplexed One-Dimensional Optical Signals
Issued	United States	13/738,568	8614108	12/24/2013	Electronic Device Having Thermally Managed Electron Path And Method Of Thermal
Issued	United States	13/739,682	9064170	6/23/2015	Method for image alignment using integral projections
Issued	United States	13/750,114	8711727	4/29/2014	POWER CONTROL ARRANGEMENT FOR LONG TERM EVOLUTION TIME DIVISION
Issued	United States	13/758,611	9477690	10/25/2016	Information Thermometer
Issued	United States	13/779,223	8914007	12/16/2014	METHOD AND APPARATUS FOR VOICE CONFERENCING
Issued	United States	13/786,638	9083472	7/14/2015	Optical Feed-Forward Equalizer For Mimo Signal Processing
Issued	United States	13/803,794	9161342	10/13/2015	Methods And Apparatuses For Allocating Wireless Resources In Wireless Network
Issued	United States	13/807,728	9224398	12/29/2015	Method for generating sampling pattern for compressed audio sensing
Issued	United States	13/808,531	9100681	1/4/2013	Pico Projector Data Sharing on Public Displays
Issued	United States	13/814,046	9084185	3/20/2013	Cubic Metric for Dual Cell HSUPA
Issued	United States	13/819,027	9203937	3/12/2013	Means of Minimising Device Length / Maximising Display Area
Issued	United States	13/819,824	9247521	1/26/2016	Device And Method For Switching Data Traffic In A Digital Transmission Network
Issued	United States	13/824,726	8995804	3/31/2015	Personalized Multi-Modal Localization Based on Individual Location Patterns
Issued	United States	13/827,205	9335477	5/10/2016	MONOLITHIC INTEGRATED STRUCTURE COMPRISING A BURIED HETEROSTRUCTURE
Issued	United States	13/828,167	9230215	1/5/2016	Spatial Division Diversity In Photonic Integrated Circuits
Issued	United States	13/835,821	8984361	3/17/2015	PROTOCOLS FOR MULTI-HOP RELAY SYSTEM WITH CENTRALIZED SCHEDULING
Issued	United States	13/837,440	9106413	8/11/2015	METHOD AND APPARATUS FOR RESILIENT END-TO-END MESSAGE PROTECTION FOR
Issued	United States	13/859,835	9185058	11/10/2015	Method And Apparatus For Processing GPRS Tunneling Protcol User Plane Traffic In A
Issued	United States	13/869,364	9172660	10/27/2015	Switch Fabric With Collector-Based Cell Reordering
Issued	United States	13/876,347	9253678	2/2/2016	Ontological Concept Expansion
Issued	United States	13/876,501	9301217	3/29/2016	PLMN handling with MDT reporting
Issued	United States	13/878,360	9203479	12/1/2015	Method of another PLMN neighbor relation reporting in PCH states
Issued	United States	13/880,038	9230551	1/5/2016	Transmission Control
Issued	United States	13/880,526	9277447	3/1/2016	Zero-bit coding of subband index for very low bit rate SWB extension of speech and
Issued	United States	13/881,950	9258354	2/9/2016	Shortened downlink and uplink subframe format for FDD UE
Issued	United States	13/884,657	9392455	7/12/2016	PROGRESSIVE MULTIMEDIA SYNCHRONIZATION
Issued	United States	13/885,562	9002200	4/7/2015	METHOD AND APPARATUS FOR HANDLING CLOSED SUBSCRIBER GROUPS IN RELAY-
Issued	United States	13/895,408	9370020	6/14/2016	Dynamic Evaluation Of The Optical Multiplex Section Per-Channel Pre-Emphasis Power
Issued	United States	13/919,396	8750654	6/10/2014	Methods And Systems For Scheduling Communications In A Co-Channel Network
Issued	United States	13/922,335	8831003	9/9/2014	Photonic Integrated Circuit Having A Waveguide-Grating Coupler
Issued	United States	13/949,810	9210602	12/8/2015	Method And Apparatus For Reducing Redundant Traffic In Communication Networks
Issued	United States	13/950,574	9032119	5/12/2015	INTERFERENCE MEASUREMENT RESOURCE (IMR) SIGNALING AND USE TO SUPPORT
Issued	United States	13/977,357	9338655	5/10/2016	Adaptive Polling Of Information From A Device
Issued	United States	13/978,635	9077483	7/7/2015	Access control of relay node with closed subscriber group
Issued	United States	13/979,900	9195740	11/24/2015	Optical Transmission With Polarization Division Multiplexing
Issued	United States	13/980,737	9059883	6/16/2015	AUDIO SCENE SELECTION APPARATUS
Issued	United States	13/983,586	9042328	5/26/2015	METHOD AND APPARATUS FOR FACILITATING CONTENT DISTRIBUTION
Issued	United States			8/5/2013	CHANNEL QUALITY INDICATOR REPORTING IN COMMUNICATIONS SYSTEM

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Status	Country	App No.	Patent No.	Filing Date	Issue Date	Title
Issued	United States	13/988,887	9318115	5/22/2013	4/19/2016	Efficient coding of binary strings for low bit rate entropy encoding
Issued	United States	13/990,074	9565691	5/29/2013	2/7/2017	CARRIER SELECTION IN RELAY SYSTEMS
Issued	United States	13/990,178	9392416	7/10/2013	7/12/2016	Method And Apparatus For Prediction and Prefetch Of Reverse Geo Location Address
Issued	United States	13/994,189	9603126	6/14/2013	3/21/2017	COMMON CONTROL DEACTIVATION IN CARRIER AGGREGATION
Issued	United States	14/000,333	9106346	8/19/2013	8/11/2015	METHOD OF DECODING OPTICAL DATA SIGNALS
Issued	United States	14/000,714	9201743	8/21/2013	12/1/2015	Backup SIP Server For The Survivability Of An Enterprise Network Using SIP
Issued	United States	14/006,997	9270322	9/24/2013	2/23/2016	Printed Circuit Board and Diplexer Circuit
Issued	United States	14/012,006	9147226	8/28/2013	9/29/2015	METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROCESSING OF
Issued	United States	14/021,491	9477561	9/9/2013	10/25/2016	Gateway For The Survivability Of An Enterprise Network Using SIP
Issued	United States	14/032,352	9160456	9/20/2013	10/13/2015	Dispersion Management For Inhomogeneous Fiber-Optic Links
Issued	United States	14/039,374	9230992	9/27/2013	12/29/2015	Optical Device
Issued	United States	14/053,806	9047362	10/15/2013	6/2/2015	REAL-TIME TRANSPORT PROTOCOL (RTP) SOURCE TRANSLATOR
Issued	United States	14/049,316	9106655	10/9/2013	8/11/2015	HIGH-DIMENSIONAL STRATIFIED SAMPLING
Issued	United States	14/064,699	9204065	10/28/2013	12/1/2015	Noise Removal
Issued	United States	14/065,790	9473287	10/29/2013	10/18/2016	Dynamic Resource Sharing Among Cellular Networks
Issued	United States	14/075,294	9215164	11/8/2013	12/15/2015	Multi-Source Correlation Of Network Topology Metrics
Issued	United States	14/087,714	9329345	11/22/2013	5/3/2016	Hybrid Wavelength Selective Switch
Issued	United States	14/096,145	9069962	12/4/2013	6/30/2015	Design And Evaluation Of A Fast And Robust Worm Detection Algorithm
Issued	United States	14/107,250	9398437	12/16/2013	7/19/2016	METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR SERVICE
Issued	United States	14/107,878	9312838	12/16/2013	4/12/2016	Apparatus And Method For Transferring Multiple Asynchronous Clock Signals Over A
Issued	United States	14/114,277	9881092	12/26/2013	1/30/2018	Method and Apparatus for Content-Aware Role Modeling and Recommendation
Issued	United States	14/119,665	9270672	11/22/2013	2/23/2016	PERFORMING A GROUP AUTHENTICATION AND KEY AGREEMENT PROCEDURE
Issued	United States	14/125,503	9288599	12/11/2013	3/15/2016	Wireless Access Node Calibration Capability For Improved Mobile Wireless Device
Issued	United States	14/129,314	9277527	3/3/2013	3/1/2016	Method And Assembly Including A Connection Between Metal Layers And A Fusible
Issued	United States	14/130,278	9432564	12/26/2013	8/30/2016	Method And Apparatus For Indoor Position Tagging
Issued	United States	14/144,695	9286429	12/31/2013	3/15/2016	System And Method For Amplifier Design
Issued	United States	14/152,437	9506761	1/10/2014	11/29/2016	Semiautomatic Image Tagging in mobile with set criteria
Issued	United States	14/157,887	9308596	1/17/2014	4/12/2016	Arrangement for Macro Photography
Issued	United States	14/197,377	8970738	3/5/2014	3/3/2015	Audio based map-of-shooters method for multi-user captured content
Issued	United States	14/198,267	9088493	3/5/2014	7/21/2015	A method for time zone adaptation of internet services
Issued	United States	14/215,171	9356861	3/17/2014	5/31/2016	Secondary Lookup For Scaling Datapath Architecture Beyond Integrated Hardware
Issued	United States	14/256,406	9426044	4/18/2014	8/23/2016	Radio Access Network Geographic Information System With Multiple Format
Issued	United States	14/279,482	9030960	5/16/2014	5/12/2015	Method And Apparatus For Reducing Redundant Traffic In Communication Networks
Issued	United States	14/319,439	9107155	6/30/2014	8/11/2015	SYNCHRONIZATION FOR DEVICE-TO-DEVICE COMMUNICATION
Issued	United States	14/319,619	9241425	6/30/2014	1/19/2016	Angled Card Cage For Improved Cooling Airflow In Front To Back Airflow Products
Issued	United States	14/351,080	9124480	4/10/2014	9/1/2015	Dual-lag cyclostationarity test utilizing cyclic phase correction for improved detection
Issued	United States	14/351,326	9392363	6/30/2014	7/12/2016	Audio scene recording method for multi-user environment
Issued	United States	14/352,714	9414366	5/1/2014	8/9/2016	Timeslot Allocation in Uplink CDMA
Issued	United States	14/364,667	9485709	6/11/2014	11/1/2016	Deterministic barring mechanism
Issued	United States	14/369,230	9473907	6/27/2014	10/18/2016	OPERATING BROADBAND PUBLIC SAFETY MOBILE COMMUNICATION
Issued	United States	14/374,829	9282527	7/25/2014	3/8/2016	Support Of Mobile-Terminated Service Delivery Over A Multi-Rat And/Or Multi-
Issued	United States	14/375,415	9414183	7/29/2014	8/9/2016	User Group Context
Issued	United States	14/382,964	9225461	9/4/2014	12/29/2015	Method Of Optical Data Transmission Using Mode Division Multiplexing
Issued	United States	14/384,874	9755908	9/12/2014	9/5/2017	HOME NETWORK IDENTIFICATION METHOD AND DEVICE
Issued	United States	14/407,673	9622063	12/12/2014	4/11/2017	METHOD AND APPARATUS FOR AUTOMATED DEVICE SUBSCRIPTION MONITORING
Issued	United States	14/432,116	9723476	3/27/2015	8/1/2017	LOCATION REGISTRATION FOR A DEVICE-TO-DEVICE (D2D) USER EQUIPMENT
Issued	United States	14/438,658	9407458	4/27/2015	8/2/2016	Method And Apparatus For Transmitting An Asynchronous Transport Signal Over An

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Status	Country	App. No.	Patent No.	Date	Date	Title
Issued	United States	14/444,591	9167079	7/28/2014	10/20/2015	Subscriber Cable Pair Identification
Issued	United States	14/448,148	9456330	7/31/2014	9/27/2016	Two-Stage Device-To-Device (D2D) Discovery Procedures
Issued	United States	14/514,614	9462172	10/15/2014	10/4/2016	METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR FACILITATING
Issued	United States	14/519,052	10045141	10/20/2014	8/7/2018	DETECTION OF A MICROPHONE
Issued	United States	14/551,372	9408065	11/24/2014	8/2/2016	Controlling Wireless Communications On Behalf Of Public Service Agencies
Issued	United States	14/551,382	9532284	11/24/2014	12/27/2016	Wireless Communication Handoffs Within A Macrocell
Issued	United States	14/596,912	9641279	1/14/2015	5/2/2017	STOKES-VECTOR-BASED TRANSMISSION AND DETECTION OF OPTICAL POLARIZATION-
Issued	United States	14/670,816	9753233	3/27/2015	9/5/2017	METHOD AND APPARATUS FOR MAKING AN OPTICAL FIBER ARRAY
Issued	United States	14/689,937	10021010	4/17/2015	7/10/2018	ADAPTIVE POLLING OF INFORMATION FROM A DEVICE
Issued	United States	14/713,284	9405070	5/15/2015	8/2/2016	Optical Buffer With A Signal-Switching Capability
Issued	United States	14/737,838	9276796	6/12/2015	3/1/2016	Method And Processing Arrangement For Joint Processing Of Uplink Data
Issued	United States	14/744,949	9313322	6/19/2015	4/12/2016	METHOD AND APPARATUS FOR INCREMENTALLY DETERMINING LOCATION CONTEXT
Issued	United States	14/910,063	9900886	2/4/2016	2/20/2018	TRANSMITTER APPARATUS FOR CONDITIONING A MULTICARRIER SIGNAL, NETWORK
Issued	United States	14/926,268	9408097	10/29/2015	8/2/2016	INTERFERENCE MEASUREMENT RESOURCE (IIMR) SIGNALING AND USE TO SUPPORT
Issued	United States	14/939,587	9847942	11/12/2015	12/19/2017	NETWORK LOAD BALANCING AND OVERLOAD CONTROL
Published	United States	14/942,520		11/16/2015		METHOD AND APPARATUS FOR MANAGING RECOMMENDATION MODELS
Issued	United States	14/964,092	9927676	12/9/2015	3/27/2018	Optical Device With Integrated Reflector(s) Comprising A Loop Reflector Integrating A
Issued	United States	15/022,555	10178679	3/16/2016	1/8/2019	SIGNALING DESIGNS FOR NETWORK ASSISTED INTERFERENCE CANCELLATION AND
Allowed	United States	15/255,481		9/2/2016		Wirelessly Transferring Data to a Packaged Electronic Device

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